

BUILDING PLAN

FIRE AND LIFE SAFETY GUIDELINES

Revisions_2015 – Volume I

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BUILDING PLAN - FIRE SAFETY GUIDE

APARTMENT BUILDINGS

ı	APPLICATIONS		RESIDENTIAL OCCUPANCY CONTAINING THREE OR MORE DWELLING UNITS WITH INDEPENDENT BATHROOM AND COOKING FACILITIES			
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	REMENTS	BUILDING	G AREA REQUIREMENTS
Α	LOW-RISE APARTMENT BUILDINGS		< 15M			< 500M ²
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 5	00M ² - < 1000M ²
ь	MEDIOW-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M			≥ 1000M²
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL -	UNLIMITED AREA
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RIS TYPE A	SE APARTMENT TYPE B	HIGH RISE APARTMENT
III	BUILDING AND SITE ACCESS FOR FIRE FIGHTING & F					
		4.0M MINIMUM CLEAR WIDTH				
Α	SITE ACCESS	4.5M MINIMUM CLEAR HEIGHT	REQUIRED	REQ	UIRED	REQUIRED
		4.0M MIN. WIDTH AND 24 TON LOAD CAPACITY				
В	ACCESS ROAD	WITHIN A TRAVEL DISTANCE OF 60M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BLDG.		NOT REQUIRED		NOT REQUIRED
	FIRE ENGINE HARDSTANDING	LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING	NOT REQUIRED	REQUIRED WHEN BUILDING HABITABLE HEIGHT EXCEEDS 10M		REQUIRED
С		6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING				
		POSITIONED SO THAT THE NEARER EDGE SHALL NOT BE LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING, MEASURED HORIZONTALLY.	NOT REQUIRES			REQUIRED
		HIGH-RISE BUILDING AND OTHER THAN HIGH-RISE WITH EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM				
		9M ² MINIMUM AREA (LEAST DIMENSION 2.5M)				
	FIDE COMMAND CENTED	AT LEAST WITH 1M CLEARANCE FROM ALL EQUIPMENT	NOT DECUMEN	NOT D	- CUUDED	DEQUEDED.
D	FIRE COMMAND CENTER	2-HOURS ENCLOSURES	NOT REQUIRED	NOI KI	EQUIRED	REQUIRED
		PROVIDED WITH PROMINENTLY MARKED EXTERIOR ENTRANCES				
		INSTEAD OF A DEDICATED FIRE RATED ROOM: LOBBIES OR OTHER SPACES ADJACENT TO THE MAIN ENTRANCE OF THE BUILDING				



ı	APPLICATIONS		RESIDENTIAL OCCUPANCY CO		R MORE DWELLING	UNITS WITH INDEPENDENT	
Ш	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS	
Α	LOW-RISE APARTMENT BUILDINGS		< 15M			< 500M²	
	MACDILLINA DICC ADADTMACNIT DI III DINICC	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M			500M ² - < 1000M ²	
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M		≥ 1000M²		
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL -	UNLIMITED AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RISI TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT	
		BUILDINGS EQUAL OR MORE THAN 28.0M ABOVE ENGINE ACCESS LEVEL	NOT APPLICABLE	NOT API	PLICABLE	REQUIRED	
		BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQU	JIRED	REQUIRED	
		SERVES ALL HABITABLE FLOORS					
	FIRE LIFT	CONTAINED WITHIN A DEDICATED PROTECTED SHAFT	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS		REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS	
E		APPROACHED BY FIRE FIGHTING LOBBY AT EACH STOREY	LIFT PROVISIONS				
_		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE					
		FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.12	NOT REQUIRED	NOT REQUIRED		REQUIRED	
		AMBULANCE STRETCHER ACCOMMODATION ELEVATOR/LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.3	NOT REQUIRED	NOT REQUIRED	REQUIRED	TO SERVE AS THE OTHER REQUIRED FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT	
		WHEN REQUIRED, AT LEAST ONE (1) FIRE LIFT FOR EVERY 900 SQM. FLOOR AREA	REQUIRED (R) IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS	SERVICE ACCESS	IN EVERY FIRE ELEVATOR/FIRE OVISIONS	(R) IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS	
IV	MEANS OF EGRESS						
Α	MEANS OF EGRESS GENERAL REQUIREMENTS						
1	SEPARATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	
	EXIT ACCESS CORRIDORS	SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	EXITS	CONNECTS 3 OR FEWER STORIES	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	LAITS	CONNECTS 4 OR MORE STORIES	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*	
	OPENING PROTECTIVE	FIRE DOOR ASSEMBLIES EQUIPPED WITH DOOR CLOSERS	REQUIRED	REQU	JIRED	REQUIRED	



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II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUII	REMENTS	BUILDIN	G AREA REQUIREMENTS
Α	LOW-RISE APARTMENT BUILDINGS		< 15M		< 500M²	
,		TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 5	500M ² - < 1000M ²
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M	ı		≥ 1000M²
С	HIGH-RISE APARTMENT BUILDINGS	·	≥ 28M		UL -	UNLIMITED AREA
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RISE TYPE A	APARTMENT TYPE B	HIGH RISE APARTMENT
	CONSTRUCTION	LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQU	JIRED	REQUIRED
	OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED
2	EXITS HEADROOM	NOT LESS THAN 2285MM	REQUIRED	REQU	JIRED	REQUIRED
	HEADROOM ON STAIRS	NOT LESS THAN 2285MM	REQUIRED	REQU	JIRED	REQUIRED
3	WALKING SURFACES IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED
4	CHANGES IN LEVEL IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED
5	GUARDS	PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQU	JIRED	REQUIRED
6	IMPEDIMENT TO EGRESS		NP-NOT PERMITTED	NP-NOT P	ERMITTED	NP-NOT PERMITTED
7	MEANS OF EGRESS RELIABILITY	CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTION OR IMPEDIMENTS	REQUIRED	REQU	JIRED	REQUIRED
	FURNISHING AND DECORATION	FURNITURES, MOVABLE OBJECTS, MIRRORS, ETC.	NP-NOT PERMITTED	NP-NOT P	ERMITTED	NP-NOT PERMITTED
В	MEANS OF EGRESS COMPONENTS					
1	FIRE DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	REQU	JIRED	REQUIRED
	SIDE-HINGE ON FIVOTED-SWINGING TIPE	MINIMUM DOOR LEAF WIDTH	810MM (32IN.)	810	ММ	810MM (32IN.)
	HORIZONTAL SLIDING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NP-ACROSS CORRIDORS	NP-ACROSS	CORRIDORS	NP-ACROSS CORRIDORS
	VERTICAL ROLLING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED
	REVOLVING DOORS/POWERED DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED
	SELF-CLOSING DEVICES	DOORS REQUIRED TO BE NORMALLY KEPT CLOSED	REQUIRED	REQU	JIRED	REQUIRED
2	STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED
		FEWER THAN 50 PERSON (CLEAR WIDTH)	915MM	915	ММ	915MM
	STANDARD STAIRS	< 2000 PERSON (CLEAR WIDTH)	1120MM	1120	MM	1120MM
		≥ 2000 PERSON (CLEAR WIDTH)	1420MM	1420	MM	1420MM



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II	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIR	EMENTS	BUILDIN	G AREA REQUIREMENTS	
Α	LOW-RISE APARTMENT BUILDINGS			< 15M			< 500M²	
_		TYPE A - MEDIUM-RISE	APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 5	500M ² - < 1000M ²	
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE	APARTMENT BUILDINGS	≥ 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE APARTMENT BUILDINGS	-		≥ 28M		UL -	UNLIMITED AREA	
	FIRE SAFETY PROVISIONS	MINIMUM R	EQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RIS TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT	
	SPIRAL STAIRS	COMPLYING WITH CHAP	TER 7 NFPA 101	PERMITTED ONLY WITHIN A SINGLE DWELLING UNIT		ONLY WITHIN A ELLING UNIT	PERMITTED ONLY WITHIN A SINGLE DWELLING UNIT	
	CURVE STAIRS	COMPLYING WITH CHAP	TER 7 NFPA 101	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
	WINDERS	COMPLYING WITH CHAP	TER 7 NFPA 101	PERMITTED	PERM	/IITTED	PERMITTED	
	GUARDS AND HANDRAILS	COMPLYING WITH CHAP	TER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
	ENCLOSURE AND PROTECTION OF STAIRS			NOT REQUIRED* COMPLYING WITH CONDITION 4 OF SINGLE EXIT	REQUIRED		REQUIRED	
		ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT		REQUIRED	REQUIRED		REQUIRED	
	ENCLOSURES	DOORS FPR**	≤3 STOREYS / ≥3 STOREYS	1-HR FPR**/	1-HR FPR**/	/1.5-HR FPR**	1-HR FPR** / 2-HRS FPR**	
		ENCLOSURES FRR*	≤3 STOREYS / ≥3 STOREYS	1-HR FRR*	1-HR FRR* / 2-HRS FRR*		1-HR FRR* / 2-HRS FRR*	
	ENCLOSURE EXEMPTION	PENETRATING ONE FLO MEZZANINE ONLY	OOR LEVEL OR SERVING	PERMITTED	PERM	NITTED	PERMITTED	
	EXPOSURES		NGS WITHIN 3050MM N EXTERIOR STAIRWAY	1-HR FRR*	1-HF	R FRR*	1-HR FRR*	
		WITHIN EXIT ENCLOSURI	 E	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
	USEABLE SPACE	LOCATION UNDER STAIL NFPA 101	RS IN ACCORDANCE WITH	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
	STAIRWAY IDENTIFICATION	SERVING 3 OR MORE STO	OREYS	REQUIRED	REQ	UIRED	REQUIRED	
	EXIT STAIR PATH MARKINGS	ALL STAIR COMPONENTS	S	REQUIRED	REQ	UIRED	REQUIRED	
	PERIMETER DEMARCATION MARKING	COMPLYING WITH NFPA	101	REQUIRED	REQ	UIRED	REQUIRED	
	LOCK, LATCHES & ALARM DEVICES	COMPLYING WITH NFPA	101	PERMITTED	PERM	NITTED	PERMITTED	
	RE-ENTRY PROVISIONS	LOCKED STAIRS EXCEEDI	NG 4 STOREYS	NOT REQUIRED	REQ	UIRED	REQUIRED	



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Α	LOW-RISE APARTMENT BUILDINGS		< 15M			< 500M²	
В	MEDILINA DISE ADADENAENT DI III DINICE	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 5	000M ² - < 1000M ²	
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL -	UNLIMITED AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RISE TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT	
		COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
3	RAMPS	AS SECONDARY EXIT FOR ONE (1) BASEMENT LEVEL	PERMITTED	PERM	ITTED	PERMITTED	
		BUILDING EQUAL OR MORE THAN 4 STOREYS (G+3) OR ROOFS 12M ABOVE GRADE PLANE	REQUIRED	REQUIRED		REQUIRED	
4	ROOF ACCESS	WHERE OPEN STAIR/S ARE PERMITTED	NOT APPLICABLE	NOT APPLICABLE		NOT APPLICABLE	
		ONE AT EACH 9300M ² ROOF AREA OR FLAT ROOFS OR ROOF PITCH <3 IN 12	REQUIRED	REQUIRED		REQUIRED	
	ROOF ACCESS COMPONENTS	SMOKE VENTS (FIXED WALL OPENING/S) AT THE TOP OF THE STAIRWELL WITH A MINIMUM AREA OF 1.5M ² .	REQUIRED	NOT APPLICABLE (SINGLE EXIT)	NOT APPLICABLE	NOT APPLICABLE	
		STAIR ACCESS TO ROOF WITH OPERABLE DOORS	REQUIRED	REQU	IIRED	REQUIRED	
5	SMOKE PROOF ENCLOSURES	FRR* (FIRE RESISTANCE RATING)					
	STAIR ENCLOSURES	ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT	REQUIRED	REQU	JIRED	REQUIRED	
		OPEN STAIR PENETRATING 1 FLOOR/LEVEL ONLY	PERMITTED	PERM	ITTED	NOT PERMITTED	
		IN EVERY FIRE LIFT PROVISIONS					
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE					
		SERVES AS A COMMON LOBBY FOR BOTH FIRE LIFT AND THE ADJACENT EXIT STAIRCASE	REQUIRED IN EVERY FIRE LIFT PROVISIONS	REQUIRED IN E	VERY FIRE LIFT SIONS	REQUIRED IN EVERY FIRE LIFT PROVISIONS	
	FIRE FIGHTING LOBBY (F/F LOBBY)	6M ² MINIMUM WORKING SPACE / AREA (LEAST SIDE DIMENSION 2.0M)					
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT REQUIRED		EXITS COMPLIES DISCHARGE EMENTS	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS	
	F/F LOBBY DOORS & WALL ENCLOSURES	1.5-HR FPR** FIRE PROTECTION RATING/ FRR* 2- HRS FIRE RESISTANCE RATING	NOT APPLICABLE	NOT API	PLICABLE	REQUIRED	



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П	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	REMENTS	BUILDING	G AREA REQUIREMENTS	
Α	LOW-RISE APARTMENT BUILDINGS		< 15M			< 500M²	
_		TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 500M² - < 1000M²		
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M		≥ 1000M²		
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL - UNLIMITED AREA		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RISI TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT	
		HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	NOT APPLICABLE	NOT API	PLICABLE	REQUIRED	
	SMOKE-STOP LOBBY (S/S LOBBY)	BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH	REQUIRED ON ALL FLOOR LEVELS	REQUIRED ON A	LL FLOOR LEVELS	REQUIRED ON ALL FLOOR LEVELS	
		BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT (ASSEMBLY & HEALTHCARE OCCUPANCY) REGARDLESS OF THE HABITABLE HEIGHT.	NOT APPLICABLE	NOT API	PLICABLE	NOT APPLICABLE	
		3M ² MINIMUM AREA (LEAST SIDE DIMENSION 1.8M)	NOT APPLICABLE	NOT APPLICABLE		REQUIRED	
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT APPLICABLE			NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS	
	S/S LOBBY DOORS & WALL ENCLOSURES	1.5-HR FPR** FIRE PROTECTION RATING/ FRR* 2- HRS FIRE RESISTANCE RATING	REQUIRED IF BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH	-	SEMENT LEVEL/S METERS DEPTH	REQUIRED	
6	HORIZONTAL EXITS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERIV	IITTED	PERMITTED	
7	EVIT DASCA CEIMAVE / CORRIDORS	ENCLOSURE AND SEPARATION FIRE RESISTANCE RATING COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED 1-HR FRR*	REQUIRED	1-HR FRR*	REQUIRED 1-HR FRR*	
	EXIT PASSAGEWAYS / CORRIDORS	MINIMUM WIDTH NOT LESS THAN ¾ OF THE WIDTH OF THE EXIT STAIR	REQUIRED	REQU	JIRED	REQUIRED	
8	ESCALATORS & MOVING WALKS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PEI	RMITTED	NOT PERMITTED	
9	FIRE ESCAPE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERIV	IITTED	PERMITTED	
10	FIRE ESCAPE LADDERS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERIV	IITTED	NOT PERMITTED	
11	SLIDE ESCAPES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERIV	IITTED	PERMITTED	
12	ALTERNATING TREAD DEVICES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERIV	IITTED	NOT PERMITTED	
13	AREAS OF REFUGE	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	



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Α	LOW-RISE APARTMENT BUILDINGS		< 15M		< 500M²	
В	MACDILINA DICE ADADTMENT DUILI DINICE	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		$\geq 500M^2 - < 1000M^2$	
ь	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M			≥ 1000M ²
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL -	- UNLIMITED AREA
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RIS TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT
		AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED
14	ELEVATORS	AS SECOND MEANS OF EGRESS FROM A TOWER AND COMPLYING WITH ASME A17.1/CSA B44	NOT APPLICABLE	NOT AP	PLICABLE	NOT APPLICABLE
	ELEVATOR DOORS	OPENING INTO EXIT ENCLOSURES	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED
С	CAPACITY OF MEANS OF EGRESS					
1	OCCUPANT LOAD	NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTORS	18.6M²/PERSON	18.6M²/PERSON		18.6M²/PERSON
2	EGRESS CAPACITY	NFPA 101 TABLE 7.3.3.1 CAPACITY FACTORS	REQUIRED	REQUIRED REQU		REQUIRED
D	NUMBER OF EXITS					
		SERVING ALL FLOOR LEVELS	PERMITTED WITH ROOF ACCESS PROVISIONS	PERMITTED* COMPLYING WITH SINGLE EXIT CONDITIONS	PERMITTED* COMPLYING WITH SINGLE EXIT CONDITIONS	NOT PERMITTED
		IN MEZZANINES WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERMITTED	PERMITTED	PERMITTED	PERMITTED
		IN ANY SECTION WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERMITTED	PERMITTED	PERMITTED	PERMITTED
1	SINGLE EXIT	DWELLING UNIT HAS AN EXIT DOOR OPENING DIRECTLY TO A STREET OR YARD AT FINISHED GROUND LEVEL	PERMITTED	PERMITTED	NOT APPLICABLE	NOT APPLICABLE
		DWELLING UNIT HAS DIRECT ACCESS TO OUTSIDE STAIR AND SERVES A MAX. OF 2 UNITS BOTH OF WHICH ARE LOCATED ON THE SAME FLOOR LEVEL	PERMITTED	PERMITTED	NOT APPLICABLE	NOT APPLICABLE
		DWELLING UNIT HAS DIRECT ACCESS TO AN INSIDE STAIR SERVING ONLY THAT UNIT AND SEPARATED FROM OTHER PARTS OF THE BUILDING WITH 1-HR FIRE BARRIERS	PERMITTED	PERMITTED	NOT APPLICABLE	NOT APPLICABLE



ı	APPLICATIONS			RESIDENTIAL OCCUPANCY CONTAINING THREE OR MORE DWELLING UNITS WITH INDEPENDENT BATHROOM AND COOKING FACILITIES				
II	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUII	REMENTS	BUILDIN	G AREA REQUIREMENTS	
Α	LOW-RISE APARTMENT BUILDINGS			< 15M			< 500M²	
	NACOU INA DISC ADADTNACNIT DI III DINICA	•	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M	l	≥ 500M² - < 1000M²		
В	MEDIUM-RISE APARTMENT BUILDINGS	•	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M		≥ 1000M²		
С	HIGH-RISE APARTMENT BUILDINGS			≥ 28M		UL -	UNLIMITED AREA	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RISI TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT	
		1	LARGEST FLOOR AREA IS EQUAL OR LESS THAN 500M ²	REQUIRED	REQUIRED	REQUIRED	NOT APPLICABLE	
		2	TRAVEL DISTANCE FROM THE ENTRANCE DOOR OF ANY DWELLING UNIT TO AN EXIT DOES NOT EXCEED 10.7M.	REQUIRED	REQUIRED	REQUIRED	NOT APPLICABLE	
		3	EXIT STAIRWAY IS COMPLETELY ENCLOSED OR SEPARATED FROM THE REST OF THE BUILDING	REQUIRED	REQUIRED	REQUIRED	NOT APPLICABLE	
		4	STAIRWAY SERVE ONE (1) BASEMENT LEVEL ONLY	REQUIRED	REQUIRED	REQUIRED	NOT APPLICABLE	
	*CONDITIONS SINGLE EXIT PROVISIONS	5	ALL OPENINGS BETWEEN THE EXIT ENCLOSURE AND THE BUILDING ARE PROTECTED WITH SELF- CLOSING DOOR ASSEMBLIES OF 1-HOUR FIRE PROTECTION RATING	REQUIRED	REQUIRED	REQUIRED	NOT APPLICABLE	
	(REQUIRES COMPLIANCE TO ALL STATED CONDITIONS)	6	ALL CORRIDORS SERVING AS ACCESS TO EXITS HAVE A MINIMUM OF 1-HOUR FRR*	REQUIRED	REQUIRED	REQUIRED	NOT APPLICABLE	
		7	HORIZONTAL AND VERTICAL SEPARATION OF 1.0- HR FRR* IS PROVIDED BETWEEN DWELLING UNITS	REQUIRED	REQUIRED	REQUIRED	NOT APPLICABLE	
		8	PROVIDED WITH SMOKE VENTS (FIXED WALL OPENING/S) AT THE TOP OF THE STAIRWELL (MAXIMUM 300MM BELOW SLAB SOFFIT/CEILING) WITH A MINIMUM AREA OF 1.5M², OR	REQUIRED	REQUIRED (HABITABLE HEIGHT <18M)	NOT APPLICABLE	NOT APPLICABLE	
		9	FOR BUILDING/S THAT TRAVERSES MORE THAN FIVE (5) STORIES INCLUDING BASEMENTS, THE EXIT STAIRCASE IS PRESSURIZED.	PERMITTED IN LIEU OF CONDITION (9)	REQUIRED (HABITABLE HEIGHT ≥18M)	REQUIRED	REQUIRED	
			50 - 500 OCCUPANTS	REQUIRED	REQU	JIRED	REQUIRED	
2	NOT LESS THAN 2 SEPARATE EXITS		ON EVERY STORY AND ACCESSIBLE FROM EVERY PART OF EVERY STORY	REQUIRED	REQU	JIRED	REQUIRED	
3	NOT LESS THAN 3 SEPARATE EXITS		EQUAL OR MORE THAN 500 OCCUPANTS	REQUIRED	REQU	JIRED	REQUIRED	
4	NOT LESS THAN 4 SEPARATE EXITS		EQUAL OR MORE THAN 1000 OCCUPANTS	REQUIRED	REQU	JIRED	REQUIRED	



ı	APPLICATIONS			RESIDENTIA			OR MORE DWELLING	UNITS WITH IN	DEPENDENT	
II	OCCUPANCY CLASSIFICATION**			BUILDIN	IG HEIGHT REQUIF	REMENTS	BUILDING	IG AREA REQUIREMENTS		
Α	LOW-RISE APARTMENT BUILDINGS			< 15M				< 500M²		
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE A - N	MEDIUM-RISE APARTMENT BUILDINGS		≥ 15M TO < 18M		≥ 5	00M ² - < 1000N	 2	
ь	WEDIOW-RISE APARTIMENT BOILDINGS	TYPE B - N	MEDIUM-RISE APARTMENT BUILDINGS		≥ 18M TO < 28M			≥ 1000M²		
С	HIGH-RISE APARTMENT BUILDINGS				≥ 28M		UL -	UNLIMITED AR	EA	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE A	PARTMENT		E APARTMENT	HIGH RISE	APARTMENT	
						TYPE A	ТҮРЕ В			
E	ARRANGEMENT OF EXITS	(NS*-NOT S	PRINKLERED / S**-SPRINKLERED)	NS*	S**	NS*	S**	NS*	S**	
			WITHIN DWELLING UNIT TO CORRIDOR DOOR	23M	38M	23M	38M	23M	38M	
	TRAVEL DISTANCE		FROM A DWELLING UNIT ENTRANCE DOOR TO THE NEAREST EXIT	30M	61M	30M	61M	30M	61M	
1		NFPA 101 TABLE	FROM A DWELLING UNIT ENTRANCE DOOR TO THE NEAREST EXIT FOR EXTERIOR WAYS OF EXIT ACCESS	61M	61M	61M	61M	61M	61M	
		A.7.6	AREAS OTHER THAN THOSE WITHIN LIVING UNITS TO AN EXIT	61M	76M	61M	76M	61M	76M	
			TOTAL TRAVEL DISTANCE PERMITTED FROM THE REMOTEST PORTION OF THE APARTMENT TO THE NEAREST EXIT	53M	99M	53M	99М	53M	99M	
2	COMMON PATH LIMIT	NFPA 101 TABLE A.7.6	NOTE: TRAVEL WITHIN A DWELLING UNIT IS NOT INCLUDED WHEN DETERMINING COMMON PATH TRAVEL	10.7M	15M	10.7M	15M	10.7M	15M	
3	DEAD-END CORRIDOR	NFPA 101 TA	ABLE A.7.6	10.7M	15M	10.7M	15M	10.7M	15M	
4	EXIT DISCHARGE									
	EXTERIOR DISCHARGE (DIRECT TO BUILDING EXTERNAL)	COMPLYING	G WITH NFPA 101	REQU	JIRED	REQU	JIRED	REQ	UIRED	
	THROUGH AREAS ON LEVEL OF EXIT DISCHARGE	_	MAXIMUM 10.7 METER TRAVEL DISTANCE TO BUILDING EXTERNAL		IITTED	PERMITTED	PERMITTED IF SPRINKLER PROTECTED		IF SPRINKLER TECTED	
	(INTERNAL DISCHARGE)		JIRED NUMBER OF EXITS & 50% OF EXIT CAPACITY (SPRINKLER PRTOECTED)	PERM	IITTED	PERMITTED	PERMITTED IF SPRINKLER PROTECTED		IF SPRINKLER TECTED	



ı	APPLICATIONS		RESIDENTIAL OCCUPANCY CO		OR MORE DWELLING	UNITS WITH INDEPENDENT
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS
Α	LOW-RISE APARTMENT BUILDINGS		< 15M			< 500M²
	MATCH IN DICE ADADTMACNT DUIL DINICE	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 500M² - < 1000M²	
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M			≥ 1000M²
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL -	UNLIMITED AREA
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RIS TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT
5	EXTERIOR WAYS OF EXIT	COMPLYING WITH NFPA 101	PERMITTED	PERM	NITTED	PERMITTED
6	ACCESSIBLE MEANS OF EGRESS	EXIT PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT (NOT LESS THAN 2 EXITS REQUIRED)	REQUIRED	REQ	UIRED	REQUIRED
7	ILLUMINATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED
		THE BUILDING IS THREE (3) OR MORE STORIES IN HEIGHT	REQUIRED	REQUIRED		REQUIRED
8	EMERGENCY LIGHTING	THE OCCUPANCY IS SUBJECT TO 50 OR MORE OCCUPANTS ABOVE OR BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQ	UIRED	REQUIRED
		THE OCCUPANCY IS SUBJECT TO 300 OR MORE TOTAL OCCUPANTS	REQUIRED	REQ	UIRED	REQUIRED
9	MARKINGS OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED
F	SPECIAL MEANS OF EGRESS PROVISIONS					
1	FIREMEN ACCESS PANELS	HABITABLE HEIGHT EXCEEDING 10M	NOT REQUIRED	REQ	UIRED	REQUIRED
2	REFUGE FLOORS	HIGH-RISE BUILDING EXCEEDING 30 STORIES	NOT APPLICABLE	NOT AP	PLICABLE	REQUIRED IF BUILDING/S EXCEEDS 30 STORIES
3	ELEVATORS FOR OCCUPANT CONTROLLED EVACUATION PRIOR TO PHASE I EMERGENCY RECALL OPERATIONS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	NITTED	PERMITTED
٧	INTERIOR FINISH CONTENTS AND FURNISHING					
Α	INTERIOR FINISH	COMPLYING WITH CHAPTER 10 OF NFPA 101	REQUIRED	REQ	UIRED	REQUIRED
		EXIT ENCLOSURES	CLASS A	CLA	SS A	CLASS A
1	INTERIOR WALL & CEILING FINISHES	LOBBIES & CORRIDORS	CLASS A OR CLASS B	CLASS A C	OR CLASS B	CLASS A OR CLASS B
		OTHER SPACES	CLASS A, CLASS B OR CLASS C	CLASS A, CLAS	S B OR CLASS C	CLASS A, CLASS B OR CLASS C
2	INTERIOR FLOOR FINISHES	EXIT ENCLOSURES, EXIT ACCESS CORRIDORS AND SPACES NOT SEPARATED FROM THEM	CLASS II	CLA	SS II	CLASS II



ı	APPLICATIONS			RESIDENTIAL OCCUPANCY CO		OR MORE DWELLING	UNITS WITH INDEPENDENT	
П	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS	
Α	LOW-RISE APARTMENT BUILDINGS			< 15M			< 500M²	
	MACDILINA DICE ADADTRACNIT DI III DINIC	r	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 5	00M² - < 1000M²	
В	MEDIUM-RISE APARTMENT BUILDINGS		TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE APARTMENT BUILDINGS			≥ 28M		UL -	UNLIMITED AREA	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RIS TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT	
VI	FEATURES OF FIRE PROTECTION (NFPA	5000 TABLES	7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)					
Α	CONSTRUCTION		COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000	REQUIRED	REQ	UIRED	REQUIRED	
	CONSTRUCTION		EXTERIOR BEARING WALLS	HOURLY RATINGS REQUIRED	HOURLY RATING	SS REQUIRED PER	HOURLY RATINGS REQUIRED	
1	(NON-COMBUSTIBLE OR LIMITED	TYPE I OR	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	PER TYPE OF CONSTRUCTION		RUCTION BASED	PER TYPE OF CONSTRUCTION	
	COMBUSTIBLE MATERIALS)	TYPE II	FLOOR CONSTRUCTION	BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS	ON NFPA 5000 HEIGHT & AREA REQUIREMENTS		BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS	
В	SUBDIVISION OF BUILDING SPACES		COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQ	UIRED	REQUIRED	
1	FIRE BARRIES		COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQ	UIRED	REQUIRED	
2	SEPARATION FROM OTHER OCCUPANCIES		COMPLYING WITH NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQUIRED		REQUIRED	
3	CORRIDORS RATED SEPARATION		COMPLYING WITH NFPA 101.30 & 31					
	REQUIRED SEPARATION		NOT SPRINKLERED	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	REQUIRED SEPARATION		SPRINKLERED	0.5-HR FRR*	0.5-H	R FRR*	0.5-HR FRR*	
	DOORS		OPENING ONTO EXIT ACCESS CORRIDORS	20-MIN FPR**	20-MII	N FPR**	20-MIN FPR**	
4	SMOKE PARTITIONS		COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
5	SMOKE BARRIERS		COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
С	VERTICAL OPENINGS PROTECTION		PROTECTION COMPLYING WITH NFPA CODES	REQUIRED	REQ	UIRED	REQUIRED	
1	COMMUNICATING SPACES		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	IITTED	PERMITTED	
2	ATRIUMS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	IITTED	PERMITTED	
3	CONVENIENCE OPENINGS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	IITTED	PERMITTED	
4	SHAFTS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	IITTED	PERMITTED	
5	MEZZANINES		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
6	CONCEALED SPACES & DRAFSTOPS		COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
	EXTERIOR & INTERIOR WALL & PARTIT	TION	FIRESTOPPED AT EACH FLOOR LEVEL, TOP STORY CEILING LEVEL & AT THE LEVEL OF SUPPORT FOR ROOFS	REQUIRED	REQI	UIRED	REQUIRED	



ı	APPLICATIONS		RESIDENTIAL OCCUPANCY CONTAINING THREE OR MORE DWELLING UNITS WITH INDEPENDENT BATHROOM AND COOKING FACILITIES				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIF	REMENTS	BUILDING	G AREA REQUIREMENTS	
Α	LOW-RISE APARTMENT BUILDINGS		< 15M			< 500M²	
		TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 500M ² - < 1000M ²		
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL - UNLIMITED AREA		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RIS	E APARTMENT TYPE B	HIGH RISE APARTMENT	
	UNOCCUPIED ATTIC SPACES	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQI	JIRED	REQUIRED	
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²	REQUIRED	REQI	JIRED	REQUIRED	
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQI	JIRED	REQUIRED	
VII	FIRE PROTECTION						
Α	DETECTION ALARM AND COMMUNICATION SYSTEM	MS					
1	FIRE ALARM SYSTEM*	*INCLUDE REQUIREMENTS FOR CARBON MONOXIDE ALARMS & CARBON MONOXIDE DETECTION SYSTEM AS NFPA 101 2012 & NFPA 72	REQUIRED	REQUIRED		REQUIRED	
В	EXTINGUISHING REQUIREMENTS	COMPLIYING TO INDIVIDUAL CODES & STANDARDS	REQUIRED	REQUIRED		REQUIRED	
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED	REQ	JIRED	REQUIRED	
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQUIRED	REQ	JIRED	REQUIRED	
3	STANDPIPE SYSTEM	BUILDING EXCEEDING 9M IN HEIGHT	EXCEEDING 9M IN HEIGHT	REQU	JIRED	REQUIRED	
4	FIRE HOSE REELS	25MM DIAMETER HOSE	NOT REQUIRED	REQU	JIRED	REQUIRED	
		THROUGHOUT PROTECTION	NOT REQUIRED	NOT RE	QUIRED	REQUIRED	
		PROVIDED IN LIEU OF THE REQUIRED DRAFSTOPS IN CONCEALED SPACES	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED	PERMITTED	
5	AUTOMATIC SPRINKLER SYSTEM	ONE BASEMENT LEVEL USED AS CARPARK ONLY (WITH FLOOR AREA EXCEEDING 1115 SQ.M.)	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
		ONE BASEMENT LEVEL USED AS MIXED OCCUPANCY	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
		MORE THAN ONE BASEMENT LEVEL	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
6	OTHER EXTINGUISHING EQUIPMENT	COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
VIII	BUILDING SERVICES PROTECTION (ASS* AUTOMATI	C SUPPRESSION SYSTEM)					
Α	BUILDING UTILITIES	COMPLYING WITH CHAPTER 9 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	
1	GAS EQUIPMENT & RELATED PIPING	PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED	REQU	JIRED	REQUIRED	



			RESIDENTIAL OCCUPANCY CO	NTAINING THREE (OR MORE DWELLING	UNITS WITH INDEPENDENT	
'	APPLICATIONS				OOKING FACILITIES		
П	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	EMENTS	BUILDIN	BUILDING AREA REQUIREMENTS	
Α	LOW-RISE APARTMENT BUILDINGS		< 15M			< 500M²	
	NACOUINA DISC ADADTNACNT DUU DINGS	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 5	500M ² - < 1000M ²	
В	MEDIUM-RISE APARTMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL -	- UNLIMITED AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RISE APARTMENT TYPE A TYPE B		HIGH RISE APARTMENT	
2	ELECTRICAL SYSTEMS	COMPLYING WITH NFPA 70	REQUIRED	REQ	UIRED	REQUIRED	
	ELECTRICAL EQUIPMENT ROOMS	AUTOMATIC SUPPRESSION SYSTEM (ASS*) or 2- HRS FRR* ENCLOSURES	REQUIRED	REQ	UIRED	REQUIRED	
		ATTACHED TO OCCUPIED BUILDINGS REQUIRED PROTECTION	3-HRS FRR or 2-HRS FRR & ASS	3-HRS FRR or 2	-HRS FRR & ASS	3-HRS FRR or 2-HRS FRR & ASS	
	SUBSTATIONS & SWITCHGEARS	STANDALONE TRANSFORMER VAULT REQUIRED PROTECTION	3-HRS FRR or 1-HR & ASS	3-HRS FRR c	or 1-HR & ASS	3-HRS FRR or 1-HR & ASS	
		EXPLOSION PROTECTION (ENCLOSURES)	ASS* AND 2-HRS FRR*	ASS* AND 2-HRS FRR*		ASS* AND 2-HRS FRR*	
3	COMMERCIAL COOKING EQUIPMENT	COMPLYING WITH NFPA 96	NOT APPLICABLE	NOT APPLICABLE		NOT APPLICABLE	
	KITCHEN/PANTRY	ENCLOSURES - FIRE RESISTANCE RATING (FRR*)	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
	COOKING EQUIPMENT	EQUIPMENT USED ONLY FOR FOOD WARMING	NOT APPLICABLE	NOT AP	PLICABLE	NOT APPLICABLE	
4	ELEVATORS, ESCALATORS & CONVEYORS	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQ	UIRED	REQUIRED	
	FIRE FIGHTERS' EMERGENCY OPERATION	COMPLYING WITH CHAPTER 9 NFPA 101 & ASME A17.1/CSA B44	NOT REQUIRED	NOT RE	EQUIRED	REQUIRED	
В	INCINERATORS, RUBBISH & LAUNDRY CHUTES	COMPLYING WITH NFPA 82	REQUIRED	REQ	UIRED	REQUIRED	
	ENCLOSURES	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	ENCLOSURES	TRAVERSES MORE THAN 3 STOREYS	2-HRS FRR*	2-HR	S FRR*	2-HRS FRR*	
	OPENING PROTECTIVE	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FPR**	1-HR	FPR**	1-HR FPR**	
	OF LIMING FRO IECTIVE	TRAVERSES MORE THAN 3 STOREYS	1.5-HR FPR**	1.5-HF	R FPR**	1.5-HR FPR**	
С	EMERGENCY POWER SUPPLY SYSTEM	COMPLYING WITH NFPA 110	NOT REQUIRED	REQ	UIRED	REQUIRED	
1	GENERATORS	ENCLOSURE	1-HOUR FRR*	1-HOL	JR FRR*	1-HOUR FRR*	
D	FIRE PUMP ROOM	COMPLYING WITH NFPA 20	REQUIRED	REQ	UIRED	REQUIRED	
		MORE THAN 15.3 M FROM ANY BUILDING	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	ENCLOSURES	WITHIN 15.3M OR ATTACHED TO BUILDINGS	2-HRS FRR*	2-HR	S FRR*	2-HRS FRR*	
		THROUGHOUT SPRINKLER (BUILDING/S & PUMP ROOM)	1-HR FRR*	1-HR	FRR*	1-HR FRR*	



ı	APPLICATIONS		RESIDENTIAL OCCUPANCY CONTAINING THREE OR MORE DWELLING UNITS WITH INDEPENDENT BATHROOM AND COOKING FACILITIES				
IJ	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIF	REMENTS	BUILDING AREA REQUIREMENTS		
Α	LOW-RISE APARTMENT BUILDINGS		< 15M			< 500M ²	
	MEDIUM-RISE APARTMENT BUILDINGS	TYPE A - MEDIUM-RISE APARTMENT BUILDINGS	≥ 15M TO < 18M		≥ 5	00M ² - < 1000M ²	
В	MEDIOW-RISE APARTIMENT BUILDINGS	TYPE B - MEDIUM-RISE APARTMENT BUILDINGS	≥ 18M TO < 28M		≥ 1000M²		
С	HIGH-RISE APARTMENT BUILDINGS		≥ 28M		UL -	UNLIMITED AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE APARTMENT	MEDIUM-RIS TYPE A	E APARTMENT TYPE B	HIGH RISE APARTMENT	
	DIDECT CAFE ACCESS	EXTERNAL ACCESS WITHIN THE LEVEL OF DISCHARGE	REQUIRED	REQ	UIRED	REQUIRED	
	DIRECT SAFE ACCESS	WITHIN 3M FROM ANY EXIT THAT COMPLIES WITH DIRECT DISCHARGE REQUIREMENTS	PERMITTED	PERM	NITTED	PERMITTED	
	ACCESS COMPONENT (UNDERGOUND LOCATION)	STANDARD STAIR (OF ANY NON-COMBUSTIBLE MATERIAL)	REQUIRED	REQ	UIRED	REQUIRED	
		CAT STEEL LADDER	NOT PERMITTED	NOT PERMITTED		NOT PERMITTED	
E	FIRE WATER TANKS	COMPLYING WITH NFPA 22	NOT REQUIRED	REQ	UIRED	REQUIRED	
	WATER TANK MATERIALS	NON-COMBUSTIBLE MATERIAL	NOT REQUIRED	REQ	UIRED	REQUIRED	
	WATER TANK WATERIALS	GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE)	NOT APPLICABLE	PERM	NITTED	PERMITTED	
	DESIGN/COMPARTMENTATION	TWO (2) COMPARTMENTS	REQUIRED	REQ	UIRED	REQUIRED	
F	SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 92 & NFPA 204	NOT REQUIRED	REQ	UIRED	REQUIRED	
1	VENTILATION BY ANY OF THE FOLLOWING: a. NATURAL VENTILATION;	EXIT STAIRCASES CONNECTS MORE THAN FIVE (5) STOREYS (LEVELS) INCLUDING BASEMENT/S	NOT APPLICABLE	REQ	UIRED	REQUIRED	
	b. MECHANICAL VENTILATION BY POSITIVE VENTILATION (PRESSURIZATION) SYSTEM	AND/OR WHEN SMOKE-STOP &/OR FIRE FIGHTING LOBBIES ARE REQUIRED	NOT APPLICABLE	NOT AP	PLICABLE	REQUIRED	
2	VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING:	BASEMENT LEVEL/S WITH FLOOR AREA (FA) EXCEEDING 500 SQ.M.	NOT APPLICABLE	REQ	UIRED	REQUIRED	
	 a. NATURAL VENTILATION; b. MECHANICAL VENTILATION & SMOKE CONTROL SYSTEM 	VERTICAL OPENINGS, ATRIUMS & OTHER LARGE VOLUME OF SPACES	REQUIRED	REQ	UIRED	REQUIRED	
G	AIR-CONDITIONING & VENTILATION SYSTEM	COMPLYING WITH NFPA 90A & NFPA 90B AND OTHER RELEVANT, APPLICABLE NFPA CODES & STANDARDS	REQUIRED	REQ	UIRED	REQUIRED	



BUILDING PLAN - FIRE SAFETY GUIDE

Note:

*This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

**Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

FPR-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

*NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

HOTEL BUILDINGS

1	APPLICATIONS		HOTEL BUILDINGS					
	RESIDENTIAL HOTELS / APARTMENT HO	TELS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)					
Ш	OCCUPANCY CLASSIFICATION **		BUILDING HEIGHT REQUIREMENTS B			ING AREA REQUIREMENTS		
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M ≤ 500M² (MAX.			4-GUEST ROOM OR SUITES/FLOOR)		
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M ² - < 1000M ²		
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-R	RISE HOTEL	HIGH RISE HOTEL		
Ш	BUILDING AND SITE ACCESS FOR FIRE FIGHTING 8	RESCUE						
	CITE A COPEC	4.0M MINIMUM CLEAR WIDTH	DEGUIDED	REQUIRED		DEGUNDED		
Α	SITE ACCESS	4.5M MINIMUM CLEAR HEIGHT	REQUIRED			REQUIRED		
		4.0M MIN. WIDTH AND 24 TON LOAD CAPACITY		NOT REQUIRED				
В	ACCESS ROAD	WITHIN A TRAVEL DISTANCE OF 60M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BLDG.	REQUIRED			NOT REQUIRED		
	FIRE ENGINE HARDSTANDING	LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING						
С		6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING	REQUIRED WHEN BUILDING	REQU	IIDED.	REQUIRED		
		POSITIONED SO THAT THE NEARER EDGE SHALL NOT BE LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING.	HABITABLE HEIGHT EXCEEDS 10M	KEQU	IIRED	REQUIRED		
		HIGH-RISE BUILDING AND OTHER THAN HIGH-RISE WITH EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM						
		9M ² MINIMUM AREA (LEAST DIMENSION 2.5M)						
		WITH 1M CLEARANCE FROM ALL EQUIPMENT	REQUIRED	REQU	IIRED	REQUIRED		
D	FIRE COMMAND CENTER	2-HOURS ENCLOSURES (WALLS, OPENINGS & PENETRATIONS)						
		PROVIDED WITH PROMINENTLY MARKED EXTERIOR ENTRANCES						
		INSTEAD OF A DEDICATED FIRE RATED ROOM: LOBBIES OR OTHER SPACES ADJACENT TO THE MAIN ENTRANCE OF THE BUILDING	PERMITTED	NOT PER	MITTED	NOT PERMITTED		



ı	APPLICATIONS			HOTEL BU	JILDINGS		
	RESIDENTIAL HOTELS / APARTMENT HOTE	LS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)				
II	OCCUPANCY CLASSIFICATION **		BUILDING HEIGHT REQUIREMENTS BUILDIN			NG AREA REQUIREMENTS	
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M ≤ 500M² (MAX. 4			4-GUEST ROOM OR SUITES/FLOOR)	
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M² - < 1000M²	
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-F	RISE HOTEL	HIGH RISE HOTEL	
		BUILDINGS EQUAL OR MORE THAN 28.0M HIGH ABOVE ENGINE ACCESS LEVEL	NOT APPLICABLE	NOT APP	PLICABLE	REQUIRED	
		BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQU	JIRED	REQUIRED	
		SERVES ALL HABITABLE FLOORS					
	FIRE LIFT	CONTAINED WITHIN A DEDICATED PROTECTED SHAFT	REQUIRED IN EVERY FIRE SERVICE	ACCESS ELEVATOR/FIRE LIFT ACCESS ELEVATOR/FIRE LIFT PROVISIONS PROVI		REQUIRED IN EVERY FIRE SERVICE	
E		APPROACHED BY FIRE FIGHTING LOBBY AT EACH STOREY	•			ACCESS ELEVATOR/FIRE LIFT PROVISIONS	
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE					
		FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.12	NOT REQUIRED			REQUIRED	
		AMBULANCE STRETCHER ACCOMMODATION ELEVATOR/LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.3	NOT REQUIRED	REQUIRED A HABITABL		TO SERVE AS THE OTHER REQUIRED FIRE LIFT	
		WHEN REQUIRED, AT LEAST ONE (1) FIRE LIFT FOR EVERY 900 SQM. FLOOR AREA	REQUIRED IN EVERY FIRE LIFT PROVISIONS	7	VERY FIRE LIFT SIONS	REQUIRED IN EVERY FIRE LIFT PROVISIONS	
IV	MEANS OF EGRESS						
Α	MEANS OF EGRESS GENERAL REQUIREMENTS						
1	SEPARATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	
	EXIT ACCESS CORRIDORS	SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	EXITS	CONNECTS 3 OR FEWER STORIES	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	LAII3	CONNECTS 4 OR MORE STORIES	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*	
	OPENING PROTECTIVE	FIRE DOOR ASSEMBLIES EQUIPPED WITH DOOR CLOSERS	REQUIRED	REQU	JIRED	REQUIRED	



ı	APPLICATIONS		HOTEL BUILDINGS					
	RESIDENTIAL HOTELS / APARTMENT HOTE	ELS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)					
П	OCCUPANCY CLASSIFICATION **		BUILDING HEIGHT REQUIRE	EMENTS	BUILD	ING AREA REQUIREMENTS		
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)		
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M² - < 1000M²		
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-R	RISE HOTEL	HIGH RISE HOTEL		
	CONSTRUCTION	LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQU	JIRED	REQUIRED		
	OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED		
2	EXITS HEADROOM	NOT LESS THAN 2285MM	REQUIRED	REQU	JIRED	REQUIRED		
	HEADROOM ON STAIRS	NOT LESS THAN 2285MM	REQUIRED	REQU	JIRED	REQUIRED		
3	WALKING SURFACES IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	REQUIRED REC			
4	CHANGES IN LEVEL IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED		
5	GUARDS	AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQUIRED		REQUIRED		
6	IMPEDIMENT TO EGRESS		NP-NOT PERMITTED	NP-NOT PI	ERMITTED	NP-NOT PERMITTED		
7	MEANS OF EGRESS RELIABILITY	MAINTAINED FREE OF ALL OBSTRUCTION & IMPEDIMENTS	REQUIRED	REQU	JIRED	REQUIRED		
	FURNISHING AND DECORATION	FURNITURES, MOVABLE OBJECTS, MIRRORS, ETC.	NP-NOT PERMITTED	NP-NOT PI	ERMITTED	NP-NOT PERMITTED		
В	MEANS OF EGRESS COMPONENTS							
1	FIRE DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED		
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	REQU	JIRED	REQUIRED		
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	MINIMUM DOOR LEAF WIDTH	810MM	810	ММ	810MM		
	HORIZONTAL SLIDING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	(NP) ACROSS CORRIDORS	(NP) ACROSS	CORRIDORS	(NP) ACROSS CORRIDORS		
	VERTICAL ROLLING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NP-NOT PERMITTED	NP-NOT PI	ERMITTED	NP-NOT PERMITTED		
	REVOLVING DOORS/POWERED DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED		
	SELF-CLOSING DEVICES	DOORS REQUIRED TO BE NORMALLY KEPT CLOSED	REQUIRED	REQU	JIRED	REQUIRED		
2	STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED		
		FEWER THAN 50 PERSON (CLEAR WIDTH)	915MM	915	ММ	915MM		
	STANDARD STAIRS	< 2000 PERSON (CLEAR WIDTH)	1120MM	1120	MM	1120MM		
	≥ 2000 PERSON (CLEAR WIDTH)		1420MM	1420	MM	1420MM		



1	APPLICATIONS				HOTEL BL	JILDINGS		
	RESIDENTIAL HOTELS / APARTMENT HOTEL	S (APARTELS / MOTORTE	LS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)				
Ш	OCCUPANCY CLASSIFICATION **			BUILDING HEIGHT REQUIRE	EMENTS	BUILD	DING AREA REQUIREMENTS	
Α	LOW-RISE HOTEL BUILDINGS			≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)	
В	MEDIUM-RISE HOTEL BUILDINGS			> 15M TO <28M			> 500M² - < 1000M²	
С	HIGH-RISE HOTEL BUILDINGS			≥ 28M			≥ 1000M ²	
	FIRE SAFETY PROVISIONS	MINIMUM RI	EQUIREMENTS	LOW-RISE HOTEL	MEDIUM-R	RISE HOTEL	HIGH RISE HOTEL	
	SPIRAL STAIRS	ONLY WITHIN GUEST SU	ITE	PERMITTED	PERM	ITTED	PERMITTED	
	CURVE STAIRS	TAIRS COMPLYING WITH CHAPTER 7 NFPA 101 NOT PERMITTED NOT PERMITTED		MITTED	NOT PERMITTED			
	WINDERS	COMPLYING WITH CHAP	TER 7 NFPA 101	NOT PERMITTED	NOT PER	MITTED	NOT PERMITTED	
	GUARDS AND HANDRAILS	COMPLYING WITH CHAP	TER 7 NFPA 101	REQUIRED	REQU	IIRED	REQUIRED	
	ENCLOSURE AND PROTECTION OF STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101		REQUIRED	REQUIRED		REQUIRED	
		ALL INSIDE STAIR SERVIN	IG AS AN EXIT	REQUIRED REQUIRED		REQUIRED		
	ENCLOSURES	DOORS FPR**	≤3 STOREYS / ≥3 STOREYS	1-HR FPR**/1.5-HR FPR**	1-HR FPR**/1.5-HR FPR**		1-HR FPR** / 2-HRS FPR**	
		ENCLOSURES FRR*	≤3 STOREYS / ≥3 STOREYS	1-HR FRR* / 2-HRS FRR*	1-HR FRR* / 2-HRS FRR*		1-HR FRR* / 2-HRS FRR*	
	ENCLOSURE EXEMPTION	PENETRATING 1 LEVEL O	R SERVING MEZZANINE	PERMITTED	PERMITTED		PERMITTED	
	EXPOSURES	WALLS AND OPENINGS V HORIZONTALLY OF AN EX ENCLOSURE		1-HR FRR*	1-HR FRR*		1-HR FRR*	
	USEABLE SPACE	WITHIN EXIT ENCLOSURE	Ε	NOT PERMITTED	NOT PER	MITTED	NOT PERMITTED	
	USEABLE SPACE	UNDER STAIRS IN ACCOR	RDANCE WITH NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
	STAIRWAY IDENTIFICATION	SERVING 3 OR MORE STO	OREYS	REQUIRED	REQU	IIRED	REQUIRED	
	EXIT STAIR PATH MARKINGS	ALL STAIR COMPONENTS	S	REQUIRED	REQU	IIRED	REQUIRED	
	PERIMETER DEMARCATION MARKING			REQUIRED	REQU	IRED	REQUIRED	
	LOCK, LATCHES & ALARM DEVICES			PERMITTED	PERM	ITTED	PERMITTED	
	RE-ENTRY PROVISIONS	LOCKED STAIRS EXCEEDI	NG 4 STOREYS	NOT REQUIRED	REQU	IIRED	REQUIRED	
		COMPLYING WITH CHAP	TER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
3	RAMPS	AS SECONDARY EXIT FOR LEVEL	R ONE (1) BASEMENT	PERMITTED	NOT PER	MITTED	NOT PERMITTED	



1	APPLICATIONS			HOTEL B	UILDINGS			
	RESIDENTIAL HOTELS / APARTMENT HOTE	LS (APARTELS / MOTORTELS / CONDOTELS)		N 16 PERSONS AND		TRANSIENTS FOR LODGING WITH OR		
П	OCCUPANCY CLASSIFICATION **		BUILDING HEIGHT REQUIRE	MENTS	BUILD	BUILDING AREA REQUIREMENTS		
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)		
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M ² - < 1000M ²		
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-I	RISE HOTEL	HIGH RISE HOTEL		
		BUILDING EQUAL OR MORE THAN 4 STOREYS (G+3) OR ROOFS 12M ABOVE GRADE PLANE	REQUIRED	REQUIRED NOT APPLICABLE REQUIRED		REQUIRED		
4	ROOF ACCESS	WHERE OPEN STAIR/S ARE PERMITTED AND PROVIDED IN LOW-RISE DORMITORY OR ACCOMMODATION	NOT APPLICABLE			NOT APPLICABLE NOT APPLICA		NOT APPLICABLE
		ONE AT EACH 9300M ² ROOF AREA OR FLAT ROOFS OR ROOF PITCH <3 IN 12	NOT APPLICABLE			REQUIRED		
	ROOF ACCESS COMPONENTS	SMOKE VENTS (FIXED WALL OPENING/S) AT THE TOP OF THE STAIRWELL WITH A MINIMUM AREA OF 1.5M ² .	REQUIRED	NOT APPLICABLE		NOT APPLICABLE		NOT APPLICABLE
		STAIR ACCESS TO ROOF WITH OPERABLE DOORS	REQUIRED	REQU	JIRED	REQUIRED		
5	SMOKE PROOF ENCLOSURES	FRR* (FIRE RESISTANCE RATING)						
	STAIR ENCLOSURES	INTERIOR STAIRS SERVING AS AN EXIT COMPONENT	REQUIRED	REQU	JIRED	REQUIRED		
		OPEN STAIR PENETRATING 1 FLOOR/LEVEL ONLY	PERMITTED	PERM	IITTED	PERMITTED		
		IN EVERY FIRE LIFT PROVISIONS						
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT	ACCESS ELEVA	ERY FIRE SERVICE TOR/FIRE LIFT	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT		
		SERVES AS A COMMON LOBBY FOR BOTH FIRE LIFT AND THE ADJACENT EXIT STAIRCASE	PROVISIONS	PROV	ISIONS	PROVISIONS		
	FIRE FIGHTING LOBBY (F/F LOBBY)	6M ² MINIMUM WORKING SPACE/AREA (LEAST SIDE DIMENSION 2.0M)	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS	ACCESS ELEVA	ERY FIRE SERVICE TOR/FIRE LIFT ISIONS	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS		
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT REQUIRED	WITH EXIT	F EXITS COMPLIES DISCHARGE EMENTS	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS		
	S/S & F/F LOBBY DOORS & WALL ENCLOSURES	1.5-HR FPR** FIRE PROTECTION RATING/ FRR* 2- HRS FIRE RESISTANCE RATING	NOT APPLICABLE	NOT API	PLICABLE	REQUIRED		



1	APPLICATIONS		HOTEL BUILDINGS				
	RESIDENTIAL HOTELS / APARTMENT H	IOTELS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)				
П	OCCUPANCY CLASSIFICATION **		BUILDING HEIGHT REQUIREMENTS BUILDI			ING AREA REQUIREMENTS	
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M ≤ 500M² (MAX. 4			4-GUEST ROOM OR SUITES/FLOOR)	
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M ² - < 1000M ²	
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-F	RISE HOTEL	HIGH RISE HOTEL	
		HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	NOT APPLICABLE	NOT APPLICABLE		REQUIRED	
		BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH	REQUIRED ON ALL FLOOR LEVELS	REQUIRED ON A	LL FLOOR LEVELS	REQUIRED	
	SMOKE-STOP LOBBY (S/S LOBBY)	BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT REGARDLESS OF THE HABITABLE HEIGHT.	NOT APPLICABLE	NOT APP	PLICABLE	NOT APPLICABLE	
		3M ² MIN. AREA (LEAST SIDE DIMENSION 1.8M)	NOT APPLICABLE	NOT APP	PLICABLE	REQUIRED	
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT APPLICABLE	NOT APPLICABLE		NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS	
6	HORIZONTAL EXITS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
7	EXIT PASSAGEWAYS	ENCLOSURE & SEPARATION FIRE RESISTANCE RATING COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED 1-HR FRR*	REQUIRED	1-HR FRR*	REQUIRED 1-HR FRR*	
	ENTI PASSAGEWATS	MINIMUM WIDTH NOT LESS THAN ¾ OF THE WIDTH OF THE EXIT STAIR	REQUIRED	REQU	JIRED	REQUIRED	
8	ESCALATORS & MOVING WALKS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED	
9	FIRE ESCAPE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
10	FIRE ESCAPE LADDERS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	NOT PERMITTED	
11	SLIDE ESCAPES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
12	ALTERNATING TREAD DEVICES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	NOT PERMITTED	
13	AREAS OF REFUGE	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	
14	ELEVATORS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED	
	ELEVATOR DOORS	OPENING INTO EXIT ENCLOSURES	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED	
С	CAPACITY OF MEANS OF EGRESS						
1	OCCUPANT LOAD	NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTOR	18.6M ² /PERSON	18.6M²/	PERSON	18.6M ² /PERSON	
2	EGRESS CAPACITY	NFPA 101 TABLE 7.3.3.1 CAPACITY FACTORS	REQUIRED	REQU	JIRED	REQUIRED	



I	APPLICATIONS			HOTEL BUILDINGS					
	RESIDENTIAL HOTELS / APART	MENT HOTE	LS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)					
II	OCCUPANCY CLASSIFICATION **			BUILDING HEIGHT REQUIREMENTS			DING AREA REQUIREMENTS		
Α	LOW-RISE HOTEL BUILDINGS			≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)		
В	MEDIUM-RISE HOTEL BUILDINGS			> 15M TO <28M			> 500M² - < 1000M²		
С	HIGH-RISE HOTEL BUILDINGS			≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-R	RISE HOTEL	HIGH RISE HOTEL		
D	NUMBER OF EXITS								
			SERVING ALL FLOOR LEVELS	PERMITTED WITH CONDITIONS*	NOT PER	MITTED	NOT PERMITTED		
			IN MEZZANINES AND/OR ANY SECTIONS WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT)	PERMITTED	PERM	ITTED	PERMITTED		
			ROOMS/SUITES HAS AN EXIT DOOR OPENING DIRECTLY TO A STREET OR YARD AT FINISHED GROUND LEVEL	PERMITTED	NOT APPLICABLE		NOT APPLICABLE		
1	SINGLE EXIT		ROOMS/SUITES HAS DIRECT ACCESS TO OUTSIDE STAIR & SERVES A MAXIMUM OF 2 UNITS BOTH OF WHICH ARE LOCATED ON THE SAME FLOOR.	PERMITTED	NOT APPLICABLE		NOT APPLICABLE		
			ROOMS/SUITES HAS DIRECT ACCESS TO AN INSIDE STAIR SERVING ONLY THAT UNIT & SEPARATED FROM OTHER PARTS OF THE BLDG. WITH 1-HR FIRE BARRIERS	PERMITTED	NOT APPLICABLE		NOT APPLICABLE		
		1	FLOOR AREA IS EQUAL OR LESS THAN 500M ²	REQUIRED	NOT APP	LICABLE	NOT APPLICABLE		
		2	TRAVEL DISTANCE FROM THE ENTRANCE DOOR OF ANY DWELLING UNIT TO AN EXIT DOES NOT EXCEED 10.7M.	REQUIRED	NOT APP	PLICABLE	NOT APPLICABLE		
	CONDITIONS* PERMITTING SINGLE	3	EXIT STAIRWAY IS COMPLETELY ENCLOSED OR SEPARATED FROM THE REST OF THE BUILDING	REQUIRED	NOT APP	PLICABLE	NOT APPLICABLE		
	EXIT PROVISIONS	4	STAIRWAY SERVE ONLY 1 BASEMENT LEVEL	REQUIRED	NOT APP	PLICABLE	NOT APPLICABLE		
	(REQUIRES COMPLIANCE TO ALL STATED CONDITIONS)	5	ALL OPENINGS BETWEEN THE EXIT ENCLOSURE AND THE BUILDING ARE PROTECTED WITH SELF- CLOSING DOOR ASSEMBLIES OF 1-HOUR FPR**	REQUIRED	NOT APP	PLICABLE	NOT APPLICABLE		
		6	ALL CORRIDORS SERVING AS ACCESS TO EXITS HAVE A MINIMUM OF 1-HOUR FRR*	REQUIRED	NOT APP	PLICABLE	NOT APPLICABLE		
		7	HORIZONTAL & VERTICAL SEPARATION OF 1.0-HR FRR* PROVIDED BETWEEN GUEST ROOMS/SUITES	REQUIRED	NOT APP	PLICABLE	NOT APPLICABLE		



1	APPLICATIONS						HOTEL B	UILDINGS		
	RESIDENTIAL HOTELS / APART	MENT HOTE	LS (APARTELS	/ MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)					
Ш	OCCUPANCY CLASSIFICATION **				BUILDING HEIGHT REQUIREMENTS BUILD			ING AREA REQUIRE	MENTS	
Α	LOW-RISE HOTEL BUILDINGS					≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OF	SUITES/FLOOR)
В	MEDIUM-RISE HOTEL BUILDINGS				> 15M TO <28M			> 500M ² - < 1000M	2	
С	HIGH-RISE HOTEL BUILDINGS					≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS			MINIMUM REQUIREMENTS	LOW-RIS	SE HOTEL	MEDIUM-	RISE HOTEL	HIGH RI	SE HOTEL
	CONDITIONS* PERMITTING SINGLE	8	OPENING/S	WITH SMOKE VENTS (FIXED WALL) AT THE TOP OF THE STAIRWELL WITH M AREA OF 1.5M ² .	REQI	UIRED	NOT AP	PLICABLE	NOT AP	PLICABLE
	EXIT PROVISIONS (REQUIRES COMPLIANCE TO ALL STATED CONDITIONS)	9	,	(TRAVERSES MORE THAN 5 STORIES BASEMENTS) IS PRESSURIZED.	NOT APPLICABLE REQUIRE		JIRED REQ		JIRED	
	10		_	HE BUILDING IS PROTECTED THROUGHOUT BY IN APPROVED AUTOMATIC SPRINKLER SYSTEM		UIRED	NOT APPLICABLE		NOT APPLICABLE	
	NOT LESS THAN 2 SEPARATE EXITS / EXIT ACCESS		GUEST ROOM/SUITE EXCEEDING 185M ²		REQI	UIRED	REQUIRED		REQUIRED	
2			50 - 500 OC	CCUPANTS	REQ	UIRED	REQI	UIRED	REQU	JIRED
	DOORS		ON EVERY STORY AND ACCESSIBLE FROM EVERY PART OF EVERY STORY		REQI	UIRED	REQI	UIRED	REQU	JIRED
3	NOT LESS THAN 3 SEPARATE EXITS		EQUAL OR MORE THAN 500 OCCUPANTS		REQ	REQUIRED REQU		QUIRED REQU		JIRED
4	NOT LESS THAN 4 SEPARATE EXITS		EQUAL OR N	MORE THAN 1000 OCCUPANTS	REQI	UIRED	REQI	UIRED	REQI	JIRED
E	ARRANGEMENT OF EXITS		(NS*NOT SP	PRINKLERED / S*SPRINKLERED)	NS*	S**	NS*	S**	NS*	S**
				TOTAL TRAVEL DISTANCES PERMITTED	53M	99M	53M	99M	53M	99M
				WITHIN A GUEST ROOM OR GUEST SUITE TO A CORRIDOR DOOR	23M	38M	23M	38M	23M	38M
1	TRAVEL DISTANCE		NFPA 101 TABLE A.7.6	FROM THE CORRIDOR DOOR OF ANY GUEST ROOM/SUITE TO THE NEAREST EXIT	30M	61M	30M	61M	30M	61M
				FROM A GUEST ROOM OR GUEST SUITE ENTRANCE DOOR TO THE NEAREST EXIT FOR EXTERIOR WAYS OF EXIT ACCESS	61M	61M	61M	61M	61M	61M
2	COMMON PATH LIMIT		NFPA 101 T	ABLE A.7.6	10.7M	15M	10.7M	15M	10.7M	15M
3	DEAD-END CORRIDOR		NFPA 101 TA	ABLE A.7.6	10.7M	15M	10.7M	15M	10.7M	15M



ı	APPLICATIONS			HOTEL BU	JILDINGS		
	RESIDENTIAL HOTELS / APARTMENT HOTEI	.S (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)				
II	OCCUPANCY CLASSIFICATION **		BUILDING HEIGHT REQUIREMENTS BUILDI			ING AREA REQUIREMENTS	
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M ≤ 500M² (MAX. 4-			4-GUEST ROOM OR SUITES/FLOOR)	
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M² - < 1000M²	
С	HIGH-RISE HOTEL BUILDINGS	≥ 28M			≥ 1000M ²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-R	ISE HOTEL	HIGH RISE HOTEL	
4	EXIT DISCHARGE						
	EXTERIOR DISCHARGE	COMPLYING WITH NFPA 101	REQUIRED	REQU	IRED	REQUIRED	
	DISCHARGE THROUGH AREAS ON LEVEL OF EXIT	MAXIMUM 30M TRAVEL DISTANCE TO BUILDING EXTERNAL	PERMITTED	PERMI	ITTED	PERMITTED	
	DISCHARGE	50% OF THE REQUIRED NUMBER OF EXITS & 50% OF THE REQUIRED EXIT CAPACITY (SPRINKLER PROTECTED)	PERMITTED	PERMITTED		PERMITTED	
5	EXTERIOR WAYS OF EXIT	COMPLYING WITH NFPA 101	PERMITTED	PERMITTED		PERMITTED	
6	ACCESSIBLE MEANS OF EGRESS	EXIT PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT	NOT LESS THAN 2 EXITS REQUIRED	NOT LESS THAN 2	EXITS REQUIRED	NOT LESS THAN 2 EXITS REQUIRED	
7	ILLUMINATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IRED	REQUIRED	
8	EMERGENCY LIGHTING	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IRED	REQUIRED	
9	MARKINGS OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IRED	REQUIRED	
F	SPECIAL MEANS OF EGRESS PROVISIONS						
1	FIREMEN ACCESS PANELS	HABITABLE HEIGHT EXCEEDING 10M	REQUIRED	REQU	IRED	REQUIRED	
2	REFUGE FLOORS	BUILDING EXCEEDING 30 STORIES	NOT APPLICABLE	NOT APP	LICABLE	REQUIRED	
3	ELEVATORS FOR OCCUPANT CONTROLLED EVACUATION PRIOR TO PHASE I EMERGENCY RECALL OPERATIONS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMI	ITTED	PERMITTED	
V	INTERIOR FINISH CONTENTS AND FURNISHING						
Α	INTERIOR FINISH	COMPLYING WITH CHAPTER 10 OF NFPA 101					
		EXIT ENCLOSURES	CLASS A	CLAS	SS A	CLASS A	
1	INTERIOR WALL & CEILING FINISHES	LOBBIES & CORRIDORS	CLASS A OR CLASS B	CLASS A OI	R CLASS B	CLASS A OR CLASS B	
		OTHER SPACES	CLASS A, CLASS B OR CLASS C	CLASS A, CLASS	B OR CLASS C	CLASS A, CLASS B OR CLASS C	
2	INTERIOR FLOOR FINISHES	EXIT ENCLOSURES, EXIT ACCESS CORRIDORS AND SPACES NOT SEPARATED FROM THEM	CLASS II	CLAS	SS II	CLASS II	



1	APPLICATIONS				HOTEL BI	JILDINGS		
	RESIDENTIAL HOTELS / APAR	TMENT HOTE	LS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OF WITHOUT MEALS (AND WITH NO COOKING FACILITIES)				
П	OCCUPANCY CLASSIFICATION **	OCCUPANCY CLASSIFICATION **			MENTS	BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE HOTEL BUILDINGS			≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)	
В	MEDIUM-RISE HOTEL BUILDINGS			> 15M TO <28M			> 500M² - < 1000M²	
С	HIGH-RISE HOTEL BUILDINGS			≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-I	RISE HOTEL	HIGH RISE HOTEL	
VI	FEATURES OF FIRE PROTECTION (NFPA	5000 TABLES	7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)					
Α	CONSTRUCTION		COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000	REQUIRED	REQU	JIRED	REQUIRED	
	CONSTRUCTION		EXTERIOR BEARING WALLS	HOURLY RATINGS REQUIRED PER	HOURLY RATING	S REQUIRED PER	HOURLY RATINGS REQUIRED PER	
1	(NON-COMBUSTIBLE OR LIMITED	TYPE I OR	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	TYPE OF CONSTRUCTION BASED	TYPE OF CONST		TYPE OF CONSTRUCTION BASED	
	COMBUSTIBLE MATERIALS)	TYPE II	FLOOR CONSTRUCTION	ON NFPA 5000 HEIGHT & AREA REQUIREMENTS	ON NFPA 5000 REQUIR	HEIGHT & AREA EMENTS	ON NFPA 5000 HEIGHT & AREA REQUIREMENTS	
В	SUBDIVISION OF BUILDING SPACES		COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQUIRED		REQUIRED	
1	FIRE BARRIES		COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQUIRED		REQUIRED	
	SEPARATION BETWEEN GUEST ROOM,	/SUITES	SPRINKLERED	0.5-HR FRR*	0.5-HR FRR*		0.5-HR FRR*	
2	SEPARATION FROM OTHER OCCUPANO	CIES	AS PER NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQU	JIRED	REQUIRED	
3	CORRIDORS RATED SEPARATION		COMPLYING WITH NFPA 101.28 & 29					
	REQUIRED SEPARATION		SPRINKLERED	0.5-HR FRR*	0.5-HF	R FRR*	0.5-HR FRR*	
	DOORS		OPENING ONTO EXIT ACCESS CORRIDORS	20-MIN FPR**	20-MIN	I FPR**	20-MIN FPR**	
4	SMOKE PARTITIONS		COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
5	SMOKE BARRIERS		COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
С	VERTICAL OPENINGS PROTECTION		PROTECTION COMPLYING WITH NFPA CODES	REQUIRED	REQU	JIRED	REQUIRED	
1	COMMUNICATING SPACES		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
2	ATRIUMS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
3	CONVENIENCE OPENINGS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
4	SHAFTS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
5	MEZZANINES		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
6	CONCEALED SPACES & DRAFSTOPS		COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	
	EXTERIOR & INTERIOR WALL & PARTIT	TION	FIRESTOPPED AT EACH FLOOR LEVEL, TOP STORY CEILING LEVEL & AT THE LEVEL OF SUPPORT FOR ROOFS	REQUIRED	REQU	JIRED	REQUIRED	
	UNOCCUPIED ATTIC SPACES		DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQU	JIRED	REQUIRED	



1	APPLICATIONS		HOTEL BUILDINGS				
	RESIDENTIAL HOTELS / APARTMENT HOTE	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)					
П	OCCUPANCY CLASSIFICATION **	BUILDING HEIGHT REQUIRE	MENTS	BUILD	ING AREA REQUIREMENTS		
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)	
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M² - < 1000M²	
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M ²	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-F	RISE HOTEL	HIGH RISE HOTEL	
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²	REQUIRED	REQU	JIRED	REQUIRED	
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQU	JIRED	REQUIRED	
D	HAZARDOUS AREA PROTECTION	COMPLYIMG WITH TABLE 28.3.2.2.2 OF NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	
1	BOILER ROOM & FUEL-FIRE HEATER ROOM SERVING MORE THAN A SINGLE GUEST ROOM OR SUIITE	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* AND SPRINKLERS	1-HR FRR* AN	D SPRINKLERS	1-HR FRR* AND SPRINKLERS	
2	EMPLOYEE LOCKER ROOMS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* OR SPRINKLERS	1-HR FRR* OR SPRINKLERS		1-HR FRR* OR SPRINKLERS	
3	GIFT OR RETAIL SHOPS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* OR SPRINKLERS	1-HR FRR* OR SPRINKLERS		1-HR FRR* OR SPRINKLERS	
4	BULK LAUNDRIES	SEPARATION AND PROTECTION REQUIRED	1-HR FRR*AND SPRINKLERS	1-HR FRR*AN	D SPRINKLERS	1-HR FRR*AND SPRINKLERS	
5	GUEST LAUNDRIES	≤9.3M² OUTSIDE OF GUEST ROOMS OR SUITES	1-HR FRR* OR SPRINKLERS	1-HR FRR* OF	R SPRINKLERS	1-HR FRR* OR SPRINKLERS	
3	GUEST LAUNDRIES	>9.3M ² OUTSIDE OF GUEST ROOMS OR SUITES	1-HR FRR* AND SPRINKLERS	1-HR FRR* AN	D SPRINKLERS	1-HR FRR* AND SPRINKLERS	
6	MAINTENANCE SHOPS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* AND SPRINKLERS	1-HR FRR* AN	D SPRINKLERS	1-HR FRR* AND SPRINKLERS	
7	STORAGE ROOMS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* OR SPRINKLERS	1-HR FRR* OF	R SPRINKLERS	1-HR FRR* OR SPRINKLERS	
8	TRASH COLLECTION ROOMS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* AND SPRINKLERS	1-HR FRR* AN	D SPRINKLERS	1-HR FRR* AND SPRINKLERS	
VII	FIRE PROTECTION (FRR* FIRE RESISTANCE RATING /	FPR** FIRE PROTECTION RATING)					
Α	DETECTION ALARM AND COMMUNICATION SYSTEM	15					
1	FIRE ALARM SYSTEM	COMPLYING WITH NFPA 72	REQUIRED	REQU	JIRED	REQUIRED	
		GUEST ROOM/SUITES WITH COMMUNICATING ATTACHED GARAGE	REQUIRED	REQU	JIRED	REQUIRED	
	CARBON MONOXIDE ALARMS AND DETECTION SYSTEM	GUEST ROOM/SUITES CONTAINING A PERMANENTLY INSTALLED FUEL-BURNING APPLIANCE	REQUIRED	REQUIRED		REQUIRED	
	STSTEIVI	IN GARAGE	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
		GUEST ROOMS/SUITES WITH COMMUNICATING ATTACHED GARAGE THAT ARE CONSIDERED AS OPEN PARKING STRUCTURE	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	



1	APPLICATIONS		HOTEL BUILDINGS				
	RESIDENTIAL HOTELS / APARTMENT HOTE	ELS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)				
П	OCCUPANCY CLASSIFICATION **	OCCUPANCY CLASSIFICATION **			BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)	
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M² - < 1000M²	
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-R	ISE HOTEL	HIGH RISE HOTEL	
	CARBON MONOXIDE ALARMS AND DETECTION SYSTEM	GUEST ROOMS/SUITES WITH COMMUNICATING ATTACHED GARAGE THAT ARE MECHANICALLY VENTILATED	NOT REQUIRED	NOT REC	QUIRED	NOT REQUIRED	
В	EXTINGUISHING REQUIREMENTS	COMPLIYING WITH INDIVIDUAL NFPA CODES AND STANDARDS	REQUIRED	REQU	IRED	REQUIRED	
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED	REQUIRED		REQUIRED	
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQUIRED	REQUIRED		REQUIRED	
3	STANDPIPE SYSTEM	BUILDING EXCEEDING 9M IN HABITABLE HEIGHT	EXCEEDING 9M IN HEIGHT	REQUIRED		REQUIRED	
4	FIRE HOSE REELS	25MM DIAMETER HOSE	REQUIRED	REQUIRED		REQUIRED	
		THROUGHOUT PROTECTION	NOT REQUIRED WHEN 2- EXITS ARE PROVIDED	REQU	IRED	REQUIRED	
		WITH GUEST ROOMS OR GUEST SUITES HAVING A DOOR OPENING DIRECTLY OUTSIDE AT THE STREET LEVEL	PERMITTED	NOT APP	LICABLE	NOT APPLICABLE	
_	AUTOMATIC CODINICI DI CVCTTA	WITH GUEST ROOMS OR GUEST SUITES HAVING AN EXTERIOR ACCESS COMPLYING WITH CAHPTER 7 OF NFPA 101	PERMITTED	NOT APP	LICABLE	NOT APPLICABLE	
5	AUTOMATIC SPRINKLER SYSTEM	PROVIDED IN LIEU OF THE REQUIRED DRAFSTOPS IN CONCEALED SPACES	PERMITTED	PERMI	TTED	PERMITTED	
		ONE BASEMENT LEVEL USED AS CARPARK ONLY (WITH FLOOR AREA EXCEEDING 1115 SQ.M.)	REQUIRED	REQU	IRED	REQUIRED	
		ONE BASEMENT LEVEL USED AS MIXED OCCUPANCY	REQUIRED	REQU	IRED	REQUIRED	
		BUILDING HAS MORE THAN ONE BASEMENT LEVEL	REQUIRED	REQU	IRED	REQUIRED	
6	OTHER EXTINGUISHING EQUIPMENT	COMPLIANCE FROM INDIVIDUAL NFPA CODES & STANDARDS	NOT REQUIRED	NOT REC	QUIRED	NOT REQUIRED	



I	APPLICATIONS			HOTEL BU	JILDINGS			
	RESIDENTIAL HOTELS / APARTMENT HOTE	LS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)					
П	OCCUPANCY CLASSIFICATION **		BUILDING HEIGHT REQUIRE	MENTS	BUILD	ING AREA REQUIREMENTS		
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)		
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M² - < 1000M²		
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-F	RISE HOTEL	HIGH RISE HOTEL		
VIII	BUILDING SERVICES PROTECTION (ASS* AUTOMATIC	C SUPPRESSION SYSTEM)						
Α	BUILDING UTILITIES	COMPLYING WITH CHAPTER 9 NFPA 101	REQUIRED	REQU	IIRED	REQUIRED		
1	GAS EQUIPMENT & RELATED PIPING	PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED	REQU	IIRED	REQUIRED		
2	ELECTRICAL SYSTEMS	COMPLYING WITH NFPA 70	REQUIRED	REQU	IIRED	REQUIRED		
	ELECTRICAL EQUIPMENT ROOMS	AUTOMATIC SUPPRESSION SYSTEM or 2-HRS ENCLOSURE	REQUIRED	REQUIRED		REQUIRED		REQUIRED
		ATTACHED TO OCCUPIED BUILDINGS REQUIRED PROTECTION	3-HRS FRR* or ASS*	3-HRS FRR* or ASS* 3-HRS FRR* or 2-HRS with ASS		3-HRS FRR*FRP* or ASS*		
	SUBSTATIONS & SWITCHGEARS	STAND ALONE TRANSFORMER VAULT REQUIRED PROTECTION	3-HRS FRR* or 2-HRS FRR*with ASS			3-HRS FRR* or 2-HRS FRR* with ASS		
		EXPLOSION PROTECTION	ASS* & 2-HRS FRR* ENCLOSURE	ASS* & 2-HRS FI	RR* ENCLOSURE	ASS* & 2- FRR* ENCLOSURE		
3	COMMERCIAL COOKING EQUIPMENT	COMPLYING WITH NFPA 96	REQUIRED WHEN PROVIDED	REQU	IIRED	REQUIRED		
	KITCHEN/PANTRY	ENCLOSURE FRR*	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
	COOKING EQUIPMENT	EQUIPMENT USED ONLY FOR FOOD WARMING	NOT PERMITTED	NOT PER	MITTED	NOT PERMITTED		
4	ELEVATORS, ESCALATORS & CONVEYORS	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQU	IIRED	REQUIRED		
	FIRE FIGHTERS' EMERGENCY OPERATION	COMPLYING WITH CHAPTER 9 NFPA 101 & ASME A17.1/CSA B44	NOT REQUIRED	NOT RE	QUIRED	REQUIRED		
В	RUBBISH CHUTE, INCINERATORS & LAUNDRY CHUTES	COMPLYING WITH NFPA 82	REQUIRED	REQU	IIRED	REQUIRED		
	ENCLOSURES	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
	ENCLUSURES	TRAVERSES MORE THAN 3 STOREYS	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*		
	ODENIAL DEOTECTIVE	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FPR**	1-HR I	PR**	1-HR FPR**		
	OPENING PROTECTIVE	TRAVERSES MORE THAN 3 STOREYS	1.5-HR FPR**	1.5-HR	FPR**	1.5-HR FPR**		
С	EMERGENCY POWER SUPPLY SYSTEM	COMPLYING WITH NFPA 110	NOT REQUIRED	REQU	IIRED	REQUIRED		
1	GENERATORS	ENCLOSURE	1-HR FRR*	1-HOU	R FRR*	1-HOUR FRR*		
D	FIRE PUMP ROOM	COMPLYING WITH NFPA 20	REQUIRED	REQU	IIRED	REQUIRED		



ı	APPLICATIONS		HOTEL BUILDINGS					
	RESIDENTIAL HOTELS / APARTMENT HOTE	LS (APARTELS / MOTORTELS / CONDOTELS)	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH OR WITHOUT MEALS (AND WITH NO COOKING FACILITIES)					
П	OCCUPANCY CLASSIFICATION **		BUILDING HEIGHT REQUIRE	EMENTS	BUILE	DING AREA REQUIREMENTS		
Α	LOW-RISE HOTEL BUILDINGS		≤ 15M		≤ 500M² (MAX.	4-GUEST ROOM OR SUITES/FLOOR)		
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M			> 500M² - < 1000M²		
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-I	RISE HOTEL	HIGH RISE HOTEL		
		MORE THAN 15.3 M FROM ANY BUILDING	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
1	ENCLOSURES	WITHIN 15.3M OR ATTACHED TO BUILDINGS	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*		
1	ENCLOSORES	THROUGHOUT SPRINKLER (BUILDING/S & PUMP ROOM)	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
2	DIRECT SAFE ACCESS	EXTERNAL ACCESS WITHIN THE LEVEL OF DISCHARGE	REQUIRED	REQUIRED PERMITTED		REQUIRED		REQUIRED
2	DIRECT SAFE ACCESS	WITHIN 3M FROM ANY EXIT THAT COMPLIES WITH DIRECT DISCHARGE REQUIREMENTS	PERMITTED			PERMITTED		
3	ACCESS COMPONENT (UNDERGOUND LOCATION)	STANDARD STAIR (OF ANY NON-COMBUSTIBLE MATERIAL)	REQUIRED	REQUIRED		REQUIRED		REQUIRED
		CAT STEEL LADDER	NOT PERMITTED	NOT PER	NOT PERMITTED NOT PERMI			
E	FIRE WATER TANKS	COMPLYING WITH NFPA 22	REQUIRED	REQU	JIRED	REQUIRED		
		NON-COMBUSTIBLE MATERIAL	REQUIRED	REQU	JIRED	REQUIRED		
	WATER TANK MATERIALS	GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE)	PERMITTED	PERM	IITTED	PERMITTED		
	DESIGN/COMPARTMENTATION	TWO (2) COMPARTMENTS	REQUIRED	REQU	JIRED	REQUIRED		
F	SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 92 & NFPA 204	NOT REQUIRED	REQU	JIRED	REQUIRED		
1	VENTILATION BY ANY OF THE FOLLOWING: a. NATURAL VENTILATION;	EXIT STAIRCASES CONNECTS MORE THAN FIVE (5) STOREYS (LEVELS) INCLUDING BASEMENT/S	NOT APPLICABLE	REQU	JIRED	REQUIRED		
	b. MECHANICAL VENTILATION BY POSITIVE VENTILATION (PRESSURIZATION) SYSTEM	AND/OR WHEN SMOKE-STOP &/OR FIRE FIGHTING LOBBIES ARE REQUIRED	NOT APPLICABLE	NOT APPLICABLE		REQUIRED		
2	VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING:	BASEMENT LEVEL/S WITH FLOOR AREA (FA) EXCEEDING 500 SQ.M.	NOT APPLICABLE	REQUIRED		REQUIRED		
	a. NATURAL VENTILATION;b. MECHANICAL VENTILATION & SMOKE CONTROL SYSTEM	VERTICAL OPENINGS, ATRIUMS & OTHER LARGE VOLUME OF SPACES	REQUIRED	REQU	JIRED	REQUIRED		



BUILDING PLAN - FIRE SAFETY GUIDE

I	APPLICATIONS		HOTEL BUILDINGS				
	RESIDENTIAL HOTELS / APARTMENT HOT	A BUILDING OR GROUP OF BUILDINGS UNDER THE SAME MANAGEMENT IN WHICH THERE ARE SLEEPING ACCOMMODATIONS FOR MORE THAN 16 PERSONS AND PRIMARILY USED BY TRANSIENTS FOR LODGING WITH O WITHOUT MEALS (AND WITH NO COOKING FACILITIES)			TRANSIENTS FOR LODGING WITH OR		
II	OCCUPANCY CLASSIFICATION **	BUILDING HEIGHT REQUIRE	MENTS	BUILD	ING AREA REQUIREMENTS		
Α	LOW-RISE HOTEL BUILDINGS	LOW-RISE HOTEL BUILDINGS			≤ 500M² (MAX.	MAX. 4-GUEST ROOM OR SUITES/FLOOR)	
В	MEDIUM-RISE HOTEL BUILDINGS		> 15M TO <28M > 500M ² - < 100			> 500M² - < 1000M²	
С	HIGH-RISE HOTEL BUILDINGS		≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE HOTEL	MEDIUM-I	RISE HOTEL	HIGH RISE HOTEL	
G	AIR-CONDITIONING & VENTILATION SYSTEM	COMPLYING WITH NFPA 90A & NFPA 90B AND OTHER RELEVANT, APPLICABLE NFPA CODES & STANDARDS	REQUIRED	REQUIRED		REQUIRED	

Note:

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

^{*}This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

^{**}Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

^{*}FPR*-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

^{*}NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

RESIDENTIAL DEVELOPMENT: ONE AND TWO FAMILY DWELLINGS AND VILLAS

ı	APPLICATIONS		RESIDENTIAL DEVELO	RESIDENTIAL DEVELOPMENT: ONE AND TWO FAMILY DWELLINGS AND VILLAS				
		RRACE HOUSE AND	DETACHED HOUSE OR ONE OF A GROUP OF TWO OR MORE ATTACHED RESIDENTIAL DWELLINGS WITH EACH BUILDING SEPARATED BY A FIRE-RESISTING WALL.					
	,	AN THREE OR MORE DWELLING UNITS)						
II	OCCUPANCY CLASSIFICATION**		BUILDING AREA AND HEIGHT REQUIREMENTS					
	DESCR	HABITABLE HEIGHT (I	,	FLOOR AREA (M)				
Α	RESIDENTIAL DWE	LLINGS AND VILLAS	NO REQUIREMENTS	5	NO REQUIREMENTS NR			
В	RESE	RVED	-		-			
С		RVED	-		-			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	DWELLINGS AND VILLAS	RESERVED	RESERVED			
III	SITE ACCESS FOR FIRE FIGHTING & RESCUE AND SET	BACK REQUIREMENTS						
Α	SITE ACCESS & ACCESS ROAD	CLEAR WIDTH/CLEAR HEIGHT (SITE ENTRY)	4.0M / 4.5M	-	-			
		DISTANCE FROM LOT BOUNDARY	1.50M.	-	-			
В	BUILDING SETBACKS / FIRE SEPARATION	FIREBREAKS FROM EACH UNIT/STRUCTURES (TO THE PROPERTY LINE)	1.50M.	-	-			
		OPENINGS WITHIN 1.50M FIREBREAKS	NOT PERMITTED					
С	FIRE ENGINE HARDSTANDING /	6.0MX15.0M MIN. SIZE	NOT REQUIRED	-	-			
D	FIRE ENGINE ACCESS ROADS	4.0M WIDE (24 TON LOAD CAPACITY)	18M FROM MAIN ENTRANCE OF ANY DWELLING UNIT					
IV	MEANS OF EGRESS							
Α	COMPONENTS OF MEANS OF EGRESS							
1	SWING-TYPE DOORS	MINIMUM CLEAR WIDTH	710MM	-	-			
2	STAIRS	WALL ENCLOSURES FRP	NOT REQUIRED	-	-			
3	STANDARD STAIRS	MINIMUM CLEAR WIDTH	915MM	-	-			
4	SPIRAL STAIRS	COMPLYING WITH NFPA 101	PERMITTED	-	-			
5	HALLWAY/CORRIDORS	MIN. CLEAR WIDTH INTERNAL CORRIDORS	915MM	-	-			
В	NUMBER OF EXITS							
	CINCLE EVIT	DOOR AS MAIN EXIT/S	REQUIRED	-	-			
	SINGLE EXIT	SECONDARY MEANS OF ESCAPE	REQUIRED	-	-			
	2 EXITS	EACH AREA & LEVEL/STOREYS	NOT REQUIRED	-	-			
	STAIR/S AS MAIN EXIT/S	2 STOREYS OR MORE	REQUIRED	-	-			
С	CAPACITY OF MEANS OF EGRESS							
1	OCCUPANT LOAD FACTOR		NO REQUIREMENTS	-	-			



ı	APPLICATIONS			RESIDENTIAL DEVELO	PMENT: ONE AND TWO FAM	ILY DWELLINGS AND VILLAS		
	VILL	A UNITS / TER	RACE HOUSE AND	DETACHED HOUSE OR ONE OF A	DETACHED HOUSE OR ONE OF A GROUP OF TWO OR MORE ATTACHED RESIDENTIAL DWELLINGS WITH			
	TOWN HOUSES (CONTAIL	NING LESS TH	AN THREE OR MORE DWELLING UNITS)	EACH BUILDING SEPARATED BY A FIRE-RESISTING WALL.				
II	OCCUPANCY CLASSIFICATION**	OCCUPANCY CLASSIFICATION**			BUILDING AREA AND HEIGHT REQUIREMENTS			
		DESCR	IPTION	HABITABLE HEIGHT (I	M)	FLOOR AREA (M)		
А	RESID	ENTIAL DWE	LLINGS AND VILLAS	NO REQUIREMENTS	S	NO REQUIREMENTS NR		
В		RESE	RVED	-		-		
С		RESE	RVED	-		-		
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	DWELLINGS AND VILLAS	RESERVED	RESERVED		
D	ARRANGEMENT OF EXITS							
1	TRAVEL DISTANCE			NOT REQUIRED	-	-		
2	COMMON PATH LIMIT			NOT REQUIRED	-	-		
3	DEAD-END CORRIDOR			NOT REQUIRED	-	-		
4	EXIT DISCHARGE		DIRECT EXIT DISCHARGE TO BUILDING EXTERNAL	REQUIRED	-	-		
5	BASEMENT REQUIREMENTS		2 NUMBERS OF EXITS	REQUIRED				
			SLEEPING ROOMS / BEDROOMS	NOT PERMITTED				
6	SWIMMING POOL REQUIREMENTS		LIFEBOUY / LIFEGUARD	REQUIRED				
			FIRST AIDE KIT	REQUIRED				
E	ILLUMINATION OF EXITS			NOT REQUIRED	-	-		
F	MARKINGS OF THE MEANS OF EGRESS			NOT REQUIRED	-	-		
V	BUILDING CONSTRUCTION							
Α	CONSTRUCTION		COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000					
	CONSTRUCTION		EXTERIOR BEARING WALLS	1-HR FRR*	-	-		
1	(NON-COMBUSTIBLE OR LIMITED	TYPE I OR TYPE II	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	1-HR FRR*	-	-		
	COMBUSTIBLE MATERIALS)	117611	FLOOR CONSTRUCTION	1-HR FRR*				
В	COMPARTMENTATION (WALLS BETWEE	N UNITS)		1-HR FRR*	-	-		
VI	FIRE PROTECTION							
А	DETECTION ALARM AND COMMUNICATION SYSTEMS							
1	FIRE ALARM SYSTEM IN ALL AREAS INCLUDING BASMENTS		MANUAL (STAND ALONE)/SMOKE ALARMS (BATTERY OR WIRED)	REQUIRED	-	-		
В	EXTINGUISHING REQUIREMENTS							
1	PORTABLE FIRE EXTINGUISHERS			REQUIRED	-	-		
2	FIRE BLANKETS		IN KITCHEN/S	REQUIRED	-	-		



BUILDING PLAN - FIRE SAFETY GUIDE

ı	APPLICATIONS	RESIDENTIAL DEVELOPMENT: ONE AND TWO FAMILY DWELLINGS AND VILLAS				
	VILLA UNITS / TEF TOWN HOUSES (CONTAINING LESS TH	DETACHED HOUSE OR ONE OF A GROUP OF TWO OR MORE ATTACHED RESIDENTIAL DWELLINGS WIT EACH BUILDING SEPARATED BY A FIRE-RESISTING WALL.				
11	OCCUPANCY CLASSIFICATION**		BUIL	DING AREA AND H	EIGHT REQUIREM	ENTS
	DESCR	PIPTION	HABITABLE HEIGHT (M)		FLOOR AREA (M)
А	RESIDENTIAL DWE	LLINGS AND VILLAS	NO REQUIREMENT	S	NO	O REQUIREMENTS NR
В	RESE	RVED	-			-
С	RESE	RVED	-		-	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	DWELLINGS AND VILLAS	RESE	RVED	RESERVED
3	STANDPIPE SYSTEM		NOT REQUIRED	-	-	-
4	FIRE HOSE REELS	25MM DIAMETER HOSE	NOT REQUIRED	-	-	-
5	SPRINKLER SYSTEM		NOT REQUIRED	-	-	-
С	SMOKE CONTROL AND EMERGENCY VENTILATION		NOT REQUIRED	-		-
D	EMERGENCY POWER SUPPLY SYSTEM		NOT REQUIRED	-		-
1	ENCLOSURES/FIRE BARRIERS	1-HOUR FRR* - FIRE RESISTANCE RATING	NOT APPLICABLE	-	-	
2	OPENING PROTECTIVE/FIRE DOORS	0.5 FPR** - FIRE PROTECTION RATING	NOT APPLICABLE	-	-	

Note:

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

^{*}This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

^{**}Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

^{*}FPR*-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

^{*}NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

DORMITORY AND ACCOMMODATIONS BUILDINGS

1	APPLICATIONS		DORMITORY AND ACCOMMODATIONS BUILDINGS						
	<u> </u>	COLLEGE DORMITORIES / STUDENT HOSING / MILITARY BARRACKS / LABOR/WORKERS & STAFF HOUSING			A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS				
II	OCCUPANCY CLASSIFICATION**	CCUPANCY CLASSIFICATION**			BUILD	ING AREA REQUIREMENTS			
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M			≤ 500M ²			
В	MEDIUM-RISE DORMITORY & ACCOMMODATION	S	> 15M TO < 28M			> 500M ² - < 1000M ²			
С	HIGH-RISE DORMITORY & ACCOMMODATIONS		≥ 28M			≥ 1000M²			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIUI	M-RISE	HIGH RISE			
Ш	BUILDING AND SITE ACCESS FOR FIRE FIGHTING &	RESCUE							
	CITE ACCECC	4.0M MINIMUM CLEAR WIDTH	DECLURED	DEOL	IDED	DECLURED			
Α	SITE ACCESS	4.5M MINIMUM CLEAR HEIGHT	REQUIRED	REQU	IKED	REQUIRED			
		4.0M MIN. WIDTH AND 24 TON LOAD CAPACITY							
В	ACCESS ROAD	WITHIN A TRAVEL DISTANCE OF 45M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BLDG.	REQUIRED	NOT REQUIRED		NOT REQUIRED			
		LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING			REQUIRED				
С	FIRE ENGINE HARDSTANDING	6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING	REQUIRED WHEN BUILDING HABITABLE HEIGHT EXCEEDS 10M	REQUIRED WHEN BUILDING HABITABLE HEIGHT EXCEEDS 10M					
		POSITIONED SO THAT THE NEARER EDGE SHALL NOT BE LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING, MEASURED HORIZONTALLY.							
		HIGH-RISE BUILDING AND OTHER THAN HIGH-RISE WITH EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM							
		9M ² MINIMUM AREA (LEAST DIMENSION 2.5M)		REQUIRED. LOCAT	ION: INSTEAD OF				
		WITH 1M CLEARANCE FROM ALL EQUIPMENT		A DEDICATED FIR					
D	P P E III	2-HOURS ENCLOSURES (WALLS, OPENINGS & PENETRATIONS)	NOT REQUIRED	LOBBIES OR O	O THE MAIN	REQUIRED			
		PROVIDED WITH PROMINENTLY MARKED EXTERIOR ENTRANCES		ENTRANCE OF THE BUILDING WILL BE PERMITTED					
		INSTEAD OF A DEDICATED FIRE RATED ROOM: LOBBIES OR OTHER SPACES ADJACENT TO THE MAIN ENTRANCE OF THE BUILDING							



ı	APPLICATIONS		DORMITORY AND ACCOMMODATIONS BUILDINGS					
		COLLEGE DORMITORIES / STUDENT HOSING / MILITARY BARRACKS / LABOR/WORKERS & STAFF HOUSING			A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS			
Ш	OCCUPANCY CLASSIFICATION**	CCUPANCY CLASSIFICATION**			BUILD	ING AREA REQUIREMENTS		
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M			≤ 500M²		
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS	DIUM-RISE DORMITORY & ACCOMMODATIONS			:	> 500M² - < 1000M²		
С	HIGH-RISE DORMITORY & ACCOMMODATIONS		≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIU	M-RISE	HIGH RISE		
		BUILDINGS EQUAL OR MORE THAN 28.0M HIGH ABOVE ENGINE ACCESS LEVEL	NOT APPLICABLE	NOT APP	PLICABLE	REQUIRED		
		BUILDING EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQU	IIRED	REQUIRED		
		SERVES ALL HABITABLE FLOORS						
	FIRE LIFT	CONTAINED WITHIN A DEDICATED PROTECTED SHAFT	REQUIRED IN EVERY FIRE SERVICE	REQUIRED IN EVERY FIRE SERVICE		REQUIRED IN EVERY FIRE SERVICE		
E		APPROACHED BY FIRE FIGHTING LOBBY AT EACH STOREY	ACCESS ELEVATOR/FIRE LIFT PROVISIONS ACCESS ELEVATOR/FIRE LIFT PROVISIONS		•	ACCESS ELEVATOR/FIRE LIFT PROVISIONS		
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE						
		FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.12	NOT REQUIRED	NOT RE	QUIRED	REQUIRED		
		AMBULANCE STRETCHER ACCOMMODATION ELEVATOR/LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.3	NOT REQUIRED	REQUIRED A HABITABL		TO SERVE AS THE OTHER REQUIRED FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT		
		WHEN REQUIRED, AT LEAST ONE (1) FIRE LIFT FOR EVERY 900 SQM. FLOOR AREA	REQUIRED IN EVERY FIRE LIFT PROVISIONS	REQUIRED IN E PROVI		REQUIRED IN EVERY FIRE LIFT PROVISIONS		
IV	MEANS OF EGRESS							
Α	MEANS OF EGRESS GENERAL REQUIREMENTS							
1	SEPARATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IIRED	REQUIRED		
	EXIT ACCESS CORRIDORS	SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30	1-HR FRR*	1-HR FRR*		1-HR FRR*		
	EXITS	CONNECTS 3 OR FEWER STORIES	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
	LAIIS	CONNECTS 4 OR MORE STORIES	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*		
	OPENING PROTECTIVE	FIRE DOOR ASSEMBLIES EQUIPPED WITH DOOR CLOSERS	REQUIRED	REQU	IIRED	REQUIRED		



			DORMITORY AND ACCOMMODATIONS BUILDINGS					
	COLLEGE DORMITORIES / STUDENT HOSING / N HOU	IILITARY BARRACKS / LABOR/WORKERS & STAFF SING	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS					
П	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	EMENTS	BUILD	ING AREA REQUIREMENTS		
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M			≤ 500M²		
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS		> 15M TO < 28M			> 500M² - < 1000M²		
С	HIGH-RISE DORMITORY & ACCOMMODATIONS		≥ 28M			≥ 1000M ²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIUI	M-RISE	HIGH RISE		
	CONSTRUCTION	LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQU	IRED	REQUIRED		
	OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	TTED	PERMITTED		
2	EXITS HEADROOM	NOT LESS THAN 2285MM	REQUIRED	REQU	IRED	REQUIRED		
	HEADROOM ON STAIRS	NOT LESS THAN 2285MM	REQUIRED	REQU	IRED	REQUIRED		
3	WALKING SURFACES IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED		
4	CHANGES IN LEVEL IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED		
5	GUARDS	PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQU	IRED	REQUIRED		
6	IMPEDIMENT TO EGRESS		NOT PERMITTED	NOT PER	MITTED	NOT PERMITTED		
7	MEANS OF EGRESS RELIABILITY	MAINTAINED FREE OF ALL OBSTRUCTION & IMPEDIMENTS	REQUIRED	REQU	IRED	REQUIRED		
	FURNISHING AND DECORATION	FURNITURES OR MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PER	MITTED	NOT PERMITTED		
В	MEANS OF EGRESS COMPONENTS							
1	FIRE DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IRED	REQUIRED		
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	REQU	IRED	REQUIRED		
	SIDE-HINGE OR FIVOTED-SWINGING TIPE	MINIMUM DOOR LEAF WIDTH	810MM	8101	ММ	810MM		
	HORIZONTAL SLIDING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED ACROSS CORRIDORS	NOT PERMIT		NOT PERMITTED ACROSS CORRIDORS		
	VERTICAL ROLLING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED	NOT PER	MITTED	NOT PERMITTED		
	REVOLVING DOORS/POWERED DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	TTED	PERMITTED		
	SELF-CLOSING DEVICES	IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED	REQUIRED	REQU	IRED	REQUIRED		
2	STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IRED	REQUIRED		



	APPLICATIONS			DORM	IITORY AND ACCOM	IMODATIONS BUIL	DINGS		
	COLLEGE DORMITORIES / STUDENT HOSING / N HOU	•	BOR/WORKERS & STAFF	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS					
Ш	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIRE	EMENTS	BUILD	DING AREA REQUIREMENTS		
Α	LOW-RISE DORMITORY & ACCOMMODATIONS			≤15M			≤ 500M²		
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS			> 15M TO < 28M			> 500M² - < 1000M²		
С	HIGH-RISE DORMITORY & ACCOMMODATIONS			≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM F	REQUIREMENTS	LOW-RISE	MEDIU	M-RISE	HIGH RISE		
		FEWER THAN 50 PERSO	N (CLEAR WIDTH)	915MM	915	MM	915MM		
	STANDARD STAIRS	< 2000 PERSON (CLEAR	WIDTH)	1120MM	1120MM 1420MM NOT PERMITTED NOT PERMITTED NOT PERMITTED REQUIRED		1120MM		
		≥ 2000 PERSON (CLEAR	WIDTH)	1420MM			1420MM		
	SPIRAL STAIRS	COMPLYING WITH CHAI	PTER 7 NFPA 101	PERMITTED			NOT PERMITTED		
	CURVE STAIRS	COMPLYING WITH CHAI	PTER 7 NFPA 101	NOT PERMITTED			NOT PERMITTED		
	WINDERS	COMPLYING WITH CHAI	PTER 7 NFPA 101	NOT PERMITTED			NOT PERMITTED NOT PE		NOT PERMITTED
	GUARDS AND HANDRAILS	COMPLYING WITH CHAI	PTER 7 NFPA 101	REQUIRED			REQUIRED		
	ENCLOSURE AND PROTECTION OF STAIRS	COMPLYING WITH CHAI	PTER 7 NFPA 101	REQUIRED	REQU	IIRED	REQUIRED		
		ALL INSIDE STAIR SERVII COMPONENT	NG AS AN EXIT	REQUIRED	REQU	IIRED	REQUIRED		
	ENCLOSURES	DOORS FPR**	≤3 STOREYS / ≥3 STOREYS	1-HR FPR** /1.5-HR FPR**	1-HR FPR** /	1.5-HR FPR**	1-HR FPR** /1.5-HR FPR**		
		ENCLOSURES FRR*	≤3 STOREYS / ≥3 STOREYS	1-HR FRR* / 2-HRS FRR*	1-HR FRR* /	2-HRS FRR*	1-HR FRR* / 2-HRS FRR*		
	ENCLOSURE EXEMPTION	PENETRATING 1 LEVEL (OR SERVING MEZZANINE	PERMITTED	PERM	ITTED	PERMITTED		
	EXPOSURES	WALLS AND OPENINGS HORIZONTALLY OF AN E ENCLOSURE		1-HR FRR*	1-HR	FRR*	1-HR FRR*		
		WITHIN EXIT ENCLOSUR	RE	NOT PERMITTED	NOT PER	MITTED	NOT PERMITTED		
	USEABLE SPACE	UNDER STAIRS IN ACCO	RDANCE WITH NFPA 101	PERMITTED	PERM	ITTED	PERMITTED		
	STAIRWAY IDENTIFICATION	SERVING 3 OR MORE ST	OREYS	REQUIRED	REQU	IIRED	REQUIRED		
	EXIT STAIR PATH MARKINGS	ALL STAIR COMPONENT	S	REQUIRED	REQU	IIRED	REQUIRED		
	PERIMETER DEMARCATION MARKING	COMPLYING WITH NFPA	A 101	REQUIRED	REQU	IIRED	REQUIRED		
	LOCK, LATCHES & ALARM DEVICES	COMPLYING WITH NFPA	A 101	PERMITTED	PERM	ITTED	PERMITTED		
	RE-ENTRY PROVISIONS	LOCKED STAIRS EXCEED	ING 4 STOREYS	NOT REQUIRED	REQU	IIRED	REQUIRED		



ı	APPLICATIONS		DORN	TITORY AND ACCOMM	IODATIONS BUIL	DINGS		
	-	MILITARY BARRACKS / LABOR/WORKERS & STAFF USING	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS					
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	EMENTS	BUILD	BUILDING AREA REQUIREMENTS		
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M			≤ 500M²		
В	MEDIUM-RISE DORMITORY & ACCOMMODATION	S	> 15M TO < 28M			> 500M ² - < 1000M ²		
С	HIGH-RISE DORMITORY & ACCOMMODATIONS	≥ 28M			≥ 1000M ²			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIUM-RISE		HIGH RISE		
		COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITT	ΓED	PERMITTED		
3	RAMPS	AS SECONDARY EXIT FOR ONE (1) BASEMENT LEVEL	PERMITTED	NOT PERMITTED		NOT PERMITTED		
		BUILDING EQUAL OR MORE THAN 4 STOREYS (G+3) OR ROOFS 12M ABOVE GRADE PLANE	REQUIRED	REQUIRED		REQUIRED		REQUIRED
4	ROOF ACCESS	WHERE OPEN STAIR/S ARE PERMITTED AND PROVIDED	NOT APPLICABLE	NOT APPLICABLE		NOT APPLICABLE		NOT APPLICABLE
		ONE AT EACH 9300M ² ROOF AREA OR FLAT ROOFS OR ROOF PITCH <3 IN 12	NOT APPLICABLE	NOT REQUIRED		NOT REQUIRED		REQUIRED
	ROOF ACCESS COMPONENTS	SMOKE VENTS (FIXED WALL OPENING/S) AT THE TOP OF THE STAIRWELL WITH A MINIMUM AREA OF 1.5M ² .	REQUIRED	NOT APPLICABLE		NOT APPLICABLE		
		STAIR ACCESS TO ROOF WITH OPERABLE DOORS	REQUIRED	REQUIRE	ED	REQUIRED		
5	SMOKE PROOF ENCLOSURES	FRR* (FIRE RESISTANCE RATING)						
	STAIR ENCLOSURES	ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT	REQUIRED	REQUIRE	ED	REQUIRED		
	STAIN ENCLOSORES	OPEN STAIR PENETRATING ONE (1) FLOOR/LEVEL ONLY	PERMITTED	PERMITT	ΓED	PERMITTED		
		IN EVERY FIRE LIFT PROVISIONS	REQUIRED	REQUIRE	ED	REQUIRED		
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE						
	FIRE FIGHTING LOBBY (F/F LOBBY)	SERVES AS A COMMON LOBBY FOR BOTH FIRE LIFT AND THE ADJACENT EXIT STAIRCASE	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS	REQUIRED IN EVERY ACCESS ELEVATO PROVISIO	R/FIRE LIFT	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS		
	TIME FIGHTING LODDT (F/F LODDT)	6M ² MIN. WORKING SPACE/AREA (LEAST SIDE 2.0M)	FROVISIONS	PROVISIC	J143	FROVISIONS		
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT REQUIRED	NOT REQUIRED IF EX WITH EXIT DIS REQUIREM	CHARGE	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS		



1	APPLICATIONS		DORN	IITORY AND ACCON	MODATIONS BUIL	DINGS	
	-	MILITARY BARRACKS / LABOR/WORKERS & STAFF	PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS				
=	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M			≤ 500M²	
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS		> 15M TO < 28M			> 500M ² - < 1000M ²	
C	HIGH-RISE DORMITORY & ACCOMMODATIONS	≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIU	M-RISE	HIGH RISE	
		HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	NOT APPLICABLE	NOT APPLICABLE REQUIRED ON ALL FLOOR LEVELS NOT APPLICABLE		REQUIRED ON ALL FLOOR LEVELS	
		BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH	REQUIRED ON ALL FLOOR LEVELS			REQUIRED	
	SMOKE-STOP LOBBY (S/S LOBBY)	BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT	NOT APPLICABLE			NOT APPLICABLE	
		3M ² MIN. AREA (LEAST SIDE DIMENSION 1.8M)	NOT APPLICABLE	NOT API	PLICABLE	REQUIRED	
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT APPLICABLE	NOT APPLICABLE		NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS	
	S/S & F/F LOBBY DOORS & WALL ENCLOSURES	1.5-HR FPR** FIRE PROTECTION RATING/ 2-HRS FRR* FIRE RESISTANCE RATING	NOT REQUIRED	REQU	JIRED	REQUIRED	
6	HORIZONTAL EXITS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
7		ENCLOSURE & SEPARATION FRR	REQUIRED 1-HR FRR*	REQUIRED	1-HR FRR*	REQUIRED 1-HR FRR*	
,	EXIT PASSAGEWAYS	MIN. WIDTH NOT LESS THAN % OF THE EXIT STAIR WIDTH	REQUIRED	REQU	JIRED	REQUIRED	
8	ESCALATORS & MOVING WALKS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED	
9	FIRE ESCAPE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
10	FIRE ESCAPE LADDERS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	NOT PERMITTED	
11	SLIDE ESCAPES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
12	ALTERNATING TREAD DEVICES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	ITTED	NOT PERMITTED	
13	AREAS OF REFUGE	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	
14	ELEVATORS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED	
	ELEVATOR DOORS	OPENING INTO EXIT ENCLOSURES	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED	
С	CAPACITY OF MEANS OF EGRESS						
1	OCCUPANT LOAD	NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTOR	18.6M ² /PERSON	18.6M ² /	PERSON	18.6M ² /PERSON	
2	EGRESS CAPACITY	NFPA 101 TABLE 7.3.3.1 CAPACITY FACTORS	REQUIRED	REQL	JIRED	REQUIRED	



ı	APPLICATIONS			DORM	IITORY AND ACCON	MODATIONS BUIL	LDINGS	
	COLLEGE DORMITORIES / STUDENT	=	MILITARY BARRACKS / LABOR/WORKERS & STAFF ISING	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS				
=	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIREMENTS BUILD			DING AREA REQUIREMENTS	
Α	LOW-RISE DORMITORY & ACCOMMOD	DATIONS		≤ 15M			≤ 500M²	
В	MEDIUM-RISE DORMITORY & ACCOM	MODATIONS		> 15M TO < 28M			> 500M ² - < 1000M ²	
С	HIGH-RISE DORMITORY & ACCOMMO	DATIONS		≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE	MEDIU	M-RISE	HIGH RISE	
D	NUMBER OF EXITS							
			SERVING ALL FLOOR LEVELS	PERMITTED COMPLYING WITH ALL SINGLE EXIT CONDITIONS*	NOT PERMITTED		NOT PERMITTED	
	SINGLE EXIT IN MEZZANINES AND IN ANY SECTIONS WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT SLEEPING ROOMS HAS AN EXIT DOOR OPENING DIRECTLY TO A STREET OR YARD AT FINISHED GROUND LEVEL SLEEPING ROOMS HAS DIRECT ACCESS TO AN OUTSIDE STAIR AND SERVES A MAXIMUM OF 2 UNITS BOTH OF WHICH ARE LOCATED ON THE SAME FLOOR LEVEL		PERMITTED					
			DIRECTLY TO A STREET OR YARD AT FINISHED	PERMITTED			NOT APPLICABLE	
1			OUTSIDE STAIR AND SERVES A MAXIMUM OF 2 UNITS BOTH OF WHICH ARE LOCATED ON THE	PERMITTED			PERMITTED	
			SLEEPING ROOMS HAS DIRECT ACCESS TO AN INSIDE STAIR SERVING ONLY THAT UNIT AND SEPARATED FROM OTHER PARTS OF THE BLDG. WITH 1-HR FIRE BARRIERS	PERMITTED	PERM	IITTED	PERMITTED	
		1	FLOOR AREA IS EQUAL OR LESS THAN 500M ²	REQUIRED	REQU	JIRED	NOT APPLICABLE	
		2	TRAVEL DISTANCE FROM THE ENTRANCE DOOR OF ANY SLEEPING ROOM TO AN EXIT DOES NOT EXCEED 10.7M.	REQUIRED	REQU	JIRED	NOT APPLICABLE	
	CONDITIONS* PERMITTING SINGLE EXIT PROVISIONS	3	EXIT STAIRWAY IS COMPLETELY ENCLOSED OR SEPARATED FROM THE REST OF THE BUILDING	REQUIRED	REQU	JIRED	NOT APPLICABLE	
	(REQUIRES COMPLIANCE TO ALL	4	STAIRWAY SERVE ONE (1) BASEMENT LEVEL ONLY	REQUIRED	PERMITTED REQUIRED		NOT APPLICABLE	
	STATED CONDITIONS)	5	ALL OPENINGS BETWEEN THE EXIT ENCLOSURE AND THE BUILDING ARE PROTECTED WITH SELF- CLOSING DOOR ASSEMBLIES OF 1-HOUR FRR*	REQUIRED			NOT APPLICABLE	
		6	ALL CORRIDORS SERVING AS ACCESS TO EXITS HAVE A MINIMUM OF 1-HOUR FRR*	REQUIRED	REQU	JIRED	NOT APPLICABLE	



ı	APPLICATIONS					DORN	/ITORY AND ACCO	MMODATIONS BUIL	DINGS	
	COLLEGE DORMITORIES / STUDENT	•	MILITARY BARI ISING	RACKS / LABOR/WORKERS & STAFF	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUA OCCUPANTS					
II	OCCUPANCY CLASSIFICATION**				BUILDI	BUILDING HEIGHT REQUIREMENTS BUILD			ING AREA REQUIRE	MENTS
Α	LOW-RISE DORMITORY & ACCOMMO	DATIONS			≤ 15M ≤ 500M			≤ 500M²		
В	MEDIUM-RISE DORMITORY & ACCOM	MODATIONS			> 15M TO < 28M			> 500M ² - < 1000M	2	
С	HIGH-RISE DORMITORY & ACCOMMO	DATIONS				≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS			MINIMUM REQUIREMENTS	LON	/-RISE	MEDIL	IM-RISE	HIGH	I RISE
				AL AND VERTICAL SEPARATION OF 1.0- PROVIDED BETWEEN SLEEPING	REQ	UIRED	REQI	JIRED	NOT APPLICABLE	
	CONDITIONS* PERMITTING SINGLE EXIT PROVISIONS (REQUIRES COMPLIANCE TO ALL STATED CONDITIONS)	8	OPENING/S	WITH SMOKE VENTS (FIXED WALL) AT THE TOP OF THE STAIRWELL WITH M AREA OF 1.5M ² .	REQ	UIRED	NOT AP	PLICABLE	NOT AP	PLICABLE
	9		STORIES INC	EXIT STAIR THAT TRAVERSES MORE THAN 5 STORIES INCLUDING BASEMENTS ARE PRESSURIZED.		PLICABLE	REQUIRED		REQUIRED	
			SLEEPING R	OOMS EXCEEDING 185M ²	REQ	UIRED	REQI	JIRED	REQU	JIRED
2	•	IOT LESS THAN 2 SEPARATE EXITS / EXIT ACCESS		CCUPANTS	REQ	UIRED	REQ	JIRED	REQU	JIRED
	DOORS		ON EVERY S PART OF EV	TORY AND ACCESSIBLE FROM EVERY ERY STORY	REQ	UIRED	REQUIRED		REQUIRED	
3	NOT LESS THAN 3 SEPARATE EXITS		EQUAL OR N	MORE THAN 500 OCCUPANTS	S REQUIRED		REQUIRED		REQUIRED	
4	NOT LESS THAN 4 SEPARATE EXITS		EQUAL OR N	MORE THAN 1000 OCCUPANTS	REQ	UIRED	REQUIRED		REQUIRED	
E	ARRANGEMENT OF EXITS		(NS*NOT SP	PRINKLERED / S*SPRINKLERED)	NS*	S**	NS*	S**	NS*	S**
				TOTAL TRAVEL DISTANCES PERMITTED	53M	99M	53M	99M	53M	99M
			NFPA 101	WITHIN A SLEEPING ROOM TO A CORRIDOR DOOR	23M	38M	23M	38M	23M	38M
1	TRAVEL DISTANCE		TABLE A.7.6	FROM THE CORRIDOR DOOR OF ANY SLEEPING ROOM TO THE NEAREST EXIT	30M	61M	30M	61M	30M	61M
				FROM A SLEEPING ROOM ENTRANCE DOOR TO THE NEAREST EXIT FOR EXTERIOR WAYS OF EXIT ACCESS	61M	61M	61M	61M	61M	61M
2	COMMON PATH LIMIT		NFPA 101 T	ABLE A.7.6	10.7M	15M	10.7M	15M	10.7M	15M
3	DEAD-END CORRIDOR		NFPA 101 TA	ABLE A.7.6	10.7M	15M	10.7M	15M	10.7M	15M



1	APPLICATIONS		DORN	TITORY AND ACCOM	MODATIONS BUIL	DINGS		
	COLLEGE DORMITORIES / STUDENT HOSING / N HOU		A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS					
П	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	EMENTS	BUILD	DING AREA REQUIREMENTS		
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M			≤ 500M²		
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS		> 15M TO < 28M			> 500M ² - < 1000M ²		
С	HIGH-RISE DORMITORY & ACCOMMODATIONS		≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIUN	M-RISE	HIGH RISE		
4	EXIT DISCHARGE							
	EXTERIOR DISCHARGE	COMPLYING WITH NFPA 101	REQUIRED	REQUI	IRED	REQUIRED		
		MAX 10M TRAVEL DISTANCE TO BLDG. EXTERNAL	PERMITTED	PERMI	TTED	PERMITTED		
	THROUGH AREAS ON LEVEL OF EXIT DISCHARGE	50% OF THE REQUIRED NUMBER OF EXITS & 50% OF THE REQUIRED EXIT CAPACITY (SPRINKLER PROTECTED)	PERMITTED	PERMITTED		PERMITTED		PERMITTED
5	EXTERIOR WAYS OF EXIT	COMPLYING WITH NFPA 101	PERMITTED	PERMITTED		PERMITTED		
6	ACCESSIBLE MEANS OF EGRESS	EXIT PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT (NOT LESS THAN 2 EXITS REQUIRED)	REQUIRED	REQUIRED		REQUIRED		
7	ILLUMINATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUI	IRED	REQUIRED		
8	EMERGENCY LIGHTING	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUI	IRED	REQUIRED		
9	MARKINGS OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUI	IRED	REQUIRED		
F	SPECIAL MEANS OF EGRESS PROVISIONS							
1	FIREMEN ACCESS PANELS	HABITABLE HEIGHT EXCEEDING 10M	REQUIRED	REQUI	IRED	REQUIRED		
2	REFUGE FLOORS	BUILDING EXCEEDING 30 STORIES	NOT APPLICABLE	NOT APPI	LICABLE	REQUIRED		
3	ELEVATORS FOR OCCUPANT CONTROLLED EVACUATION PRIOR TO PHASE I EMERGENCY RECALL OPERATIONS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMI	TTED	PERMITTED		
V	INTERIOR FINISH CONTENTS AND FURNISHING							
Α	INTERIOR FINISH	COMPLYING WITH CHAPTER 10 OF NFPA 101	REQUIRED	REQUI	IRED	REQUIRED		
		EXIT ENCLOSURES	CLASS A	CLAS	S A	CLASS A		
1	INTERIOR WALL & CEILING FINISHES	LOBBIES & CORRIDORS	CLASS A OR CLASS B	CLASS A OF	R CLASS B	CLASS A OR CLASS B		
		OTHER SPACES	CLASS A, CLASS B OR CLASS C	CLASS A, CLASS	B OR CLASS C	CLASS A, CLASS B OR CLASS C		
2	INTERIOR FLOOR FINISHES	EXIT ENCLOSURES, EXIT ACCESS CORRIDORS AND SPACES NOT SEPARATED FROM THEM	CLASS II	CLAS	S II	CLASS II		



ı	APPLICATIONS			DORN	IITORY AND ACCON	MODATIONS BUIL	DINGS	
	COLLEGE DORMITORIES / STUDENT	HOSING / N	IILITARY BARRACKS / LABOR/WORKERS & STAFF SING	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS				
Ш	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIRE	EMENTS	BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE DORMITORY & ACCOMMOD	DATIONS		≤ 15M			≤ 500M²	
В	MEDIUM-RISE DORMITORY & ACCOM	MODATIONS		> 15M TO < 28M			> 500M ² - < 1000M ²	
С	HIGH-RISE DORMITORY & ACCOMMO	DATIONS		≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE	MEDIU	M-RISE	HIGH RISE	
VI	FEATURES OF FIRE PROTECTION (NFPA	5000 TABLES	7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)					
Α	CONSTRUCTION		COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000	REQUIRED	REQU	JIRED	REQUIRED	
	CONSTRUCTION		EXTERIOR BEARING WALLS	HOURLY RATINGS BASED ON NFPA	HOURLY RATINGS	BASED ON NFPA	HOURLY RATINGS BASED ON NFPA	
1	(NON-COMBUSTIBLE OR LIMITED	TYPE I OR TYPE II	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	5000 HEIGHT & AREA	5000 HEIG		5000 HEIGHT & AREA	
	COMBUSTIBLE MATERIALS)	1111	FLOOR CONSTRUCTION	REQUIREMENTS	REQUIREMENTS		REQUIREMENTS	
В	COMPARTMENTATION / SUBDIVISION BUILDING SPACES	OF	COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQUIRED		REQUIRED	
1	FIRE BARRIES		COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQU	JIRED	REQUIRED	
	SEPARATION BETWEEN SLEEPING ROO	MS	SPRINKLERED	0.5-HR FRR*	0.5-HR FRR* 0.5-HR		0.5-HR FRR*	
2	SEPARATION FROM OTHER OCCUPANO	CIES	COMPLYING WITH NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQU	JIRED	REQUIRED	
3	CORRIDORS RATED SEPARATION		COMPLYING WITH NFPA 101.28 & 29	REQUIRED	REQU	JIRED	REQUIRED	
	REQUIRED SEPARATION		SPRINKLERED (S) / NOT SPRINKLERED (NS)	0.5-HR FRR* / 1-HR FRR*	0.5-HR FRR*	/ 1-HR FRR*	0.5-HR FRR*	
	DOORS		OPENING ONTO EXIT ACCESS CORRIDORS (S/NS)	20-MINS FPR**/ 45-MINS FPR**	20-MIN FPR**/	45-MINS FPR**	20-MIN FPR**	
4	SMOKE PARTITIONS		COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
5	SMOKE BARRIERS		COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
С	VERTICAL OPENINGS PROTECTION		PROTECTION COMPLYING WITH NFPA CODES	REQUIRED	REQU	JIRED	REQUIRED	
1	COMMUNICATING SPACES		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
2	ATRIUMS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
3	CONVENIENCE OPENINGS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
4	SHAFTS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
5	MEZZANINES		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	ITTED	PERMITTED	
6	CONCEALED SPACES & DRAFSTOPS		COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	
	EXTERIOR & INTERIOR WALL & PARTIT	ION	FIRESTOPPED AT EACH FLOOR LEVEL, TOP STORY CEILING LEVEL & AT THE LEVEL OF SUPPORT FOR ROOFS	REQUIRED	REQU	JIRED	REQUIRED	



ı	APPLICATIONS		DORMITORY AND ACCOMMODATIONS BUILDINGS				
	-	MILITARY BARRACKS / LABOR/WORKERS & STAFF SING	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS				
П	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIREMENTS BUILD			ING AREA REQUIREMENTS	
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M			≤ 500M²	
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS	> 15M TO < 28M			> 500M² - < 1000M²		
С	HIGH-RISE DORMITORY & ACCOMMODATIONS	≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIUI	M-RISE	HIGH RISE	
	UNOCCUPIED ATTIC SPACES	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQU	IRED	REQUIRED	
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²	REQUIRED	REQU	IRED	REQUIRED	
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQU	IRED	REQUIRED	
D	HAZARDOUS AREA PROTECTION	COMPLYIMG WITH TABLE 28.3.2.2.2 OF NFPA 101	REQUIRED	REQU	IRED	REQUIRED	
1	BOILER ROOM & FUEL-FIRE HEATER ROOM SERVING MORE THAN A SINGLE SLEEPING ROOM	SEPARATION AND PROTECTION REQUIRED	2-HRS FRR* AND SPRINKLERS	1-HR FRR* AND SPRINKLERS		1-HR FRR* AND SPRINKLERS	
2	EMPLOYEE LOCKER ROOMS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* OR SPRINKLERS	1-HR FRR* OR SPRINKLERS		1-HR FRR* OR SPRINKLERS	
3	BULK LAUNDRIES	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* AND SPRINKLERS	1-HR FRR* AND SPRINKLERS		1-HR FRR* AND SPRINKLERS	
4	MAINTENANCE SHOPS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* AND SPRINKLERS	1-HR FRR* ANI	O SPRINKLERS	1-HR FRR* AND SPRINKLERS	
5	STORAGE ROOMS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* OR SPRINKLERS	1-HR FRR* OR	SPRINKLERS	1-HR FRR* OR SPRINKLERS	
6	TRASH COLLECTION ROOMS	SEPARATION AND PROTECTION REQUIRED	1-HR FRR* AND SPRINKLERS	1-HR FRR* ANI	O SPRINKLERS	1-HR FRR* AND SPRINKLERS	
VII	FIRE PROTECTION (FRR* FIRE RESISTANCE RATING /	FPR** FIRE PROTECTION RATING)					
Α	DETECTION ALARM AND COMMUNICATION SYSTEM	NS					
1	FIRE ALARM SYSTEM	COMPLYING WITH NFPA 72	REQUIRED	REQU	IRED	REQUIRED	
В	EXTINGUISHING REQUIREMENTS	COMPLYING TO INDIVIDUAL CODES & STANDARDS	REQUIRED	REQU	IRED	REQUIRED	
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED	REQU	IRED	REQUIRED	
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQUIRED	REQU	IRED	REQUIRED	
3	STANDPIPE SYSTEM	BUILDING EXCEEDING 9M IN HEIGHT	EXCEEDING 9M IN HEIGHT	REQU	IRED	REQUIRED	
4	FIRE HOSE REELS	25MM DIAMETER HOSE	REQUIRED	REQU	IRED	REQUIRED	
		THROUGHOUT PROTECTION (ALL FLOOR LEVELS)	NOT REQUIRED	REQU	IRED	REQUIRED	
		IN BASEMENTS IRREGARDLESS OF USAGE	REQUIRED	REQU	IRED	REQUIRED	
5	AUTOMATIC SPRINKLER SYSTEM	ACCOMMODATIONS OF NOT MORE THAN 2 STORIES & FLOOR AREA NOT EXCEEDING 1115M ² , PROVIDED WITH NOT LESS THAN 2-EXITS COMPLYING WITH EXIT DISCHARGE REQ'TS.	NOT APPLICABLE	PERMI	TTED	NOT APPLICABLE	



ı	APPLICATIONS		DORN	IITORY AND ACCON	IMODATIONS BUIL	DINGS	
	COLLEGE DORMITORIES / STUDENT HOSING / N HOU		A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	EMENTS	BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M			≤ 500M ²	
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS		> 15M TO < 28M			> 500M ² - < 1000M ²	
С	HIGH-RISE DORMITORY & ACCOMMODATIONS		≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIU	M-RISE	HIGH RISE	
5	AUTOMATIC SPRINKLER SYSTEM	SLEEPING ROOMS HAVING A DOOR OPENING DIRECTLY OUTSIDE AT THE STREET LEVEL	PERMITTED	NOT APPLICABLE		NOT APPLICABLE	
3	AUTOWATIC SPRINKLER STSTEW	SLEEPING ROOMS HAVING AN EXTERIOR ACCESS COMPLYING WITH CHAPTER 7 OF NFPA 101	PERMITTED			NOT APPLICABLE	
6	OTHER EXTINGUISHING EQUIPMENT	PROVIDED IN LIEU OF THE REQUIRED DRAFSTOPS IN CONCEALED SPACES	PERMITTED	PERMITTED		PERMITTED	
VIII	BUILDING SERVICES PROTECTION (ASS* AUTOMATIC	SUPPRESSION SYSTEM)					
Α	BUILDING UTILITIES	COMPLYING WITH CHAPTER 9 NFPA 101					
1	GAS EQUIPMENT & RELATED PIPING	PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED	REQUIRED		REQUIRED	
2	ELECTRICAL SYSTEMS	COMPLYING WITH NFPA 70	REQUIRED	REQU	IIRED	REQUIRED	
	ELECTRICAL EQUIPMENT ROOMS	AUTOMATIC SUPPRESSION SYSTEM or 2-HRS ENCLOSURE	REQUIRED	REQU	IIRED	REQUIRED	
		ATTACHED TO OCCUPIED BUILDINGS REQUIRED PROTECTION	3-HRS FRR* or ASS*	3-HRS FRF	* or ASS*	3-HRS FRR* or ASS*	
	SUBSTATIONS & SWITCHGEARS	STAND ALONE TRANSFORMER VAULT REQUIRED PROTECTION	3-HRS FRR* or 2-HRS FRR*with ASS	3-HRS FRR* or 2-H	IRS FRR*with ASS	3-HRS FRR* or 2-HRS FRR*with ASS	
		EXPLOSION PROTECTION	ASS* & 2-HRS FRR* ENCLOSURE	ASS* & 2-HRS FI	RR* ENCLOSURE	ASS* & 2-HRS FRR* ENCLOSURE	
3	COMMERCIAL COOKING EQUIPMENT	COMPLYING WITH NFPA 96	REQUIRED WHEN PROVIDED	REQUIRED WH	EN PROVIDED	REQUIRED WHEN PROVIDED	
	KITCHEN/PANTRY	ENCLOSURE FRP*	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
	COOKING EQUIPMENT	EQUIPMENT USED ONLY FOR FOOD WARMING	NOT PERMITTED	NOT PER	MITTED	NOT PERMITTED	
4	ELEVATORS, ESCALATORS & CONVEYORS	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQU	IIRED	REQUIRED	
	FIRE FIGHTERS' EMERGENCY OPERATION	COMPLYING WITH CHAPTER 9 NFPA 101 & ASME A17.1/CSA B44	REQUIRED	REQUIRED		REQUIRED	
В	INCINERATORS, RUBBISH & LAUNDRY CHUTES	COMPLYING WITH NFPA 82	REQUIRED	REQU	IIRED	REQUIRED	
	ENCLOSURES	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	LNCLOSORES	TRAVERSES MORE THAN 3 STOREYS	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*	



ı	APPLICATIONS		DORN	IITORY AND ACCOM	MODATIONS BUIL	DINGS		
	COLLEGE DORMITORIES / STUDENT HOSING / N	IILITARY BARRACKS / LABOR/WORKERS & STAFF SING	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUAL OCCUPANTS					
П	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	EMENTS	BUILDING AREA REQUIREMENTS			
Α	LOW-RISE DORMITORY & ACCOMMODATIONS		≤ 15M	≤ 15M				
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS	> 15M TO < 28M			> 500M² - < 1000M²			
С	HIGH-RISE DORMITORY & ACCOMMODATIONS		≥ 28M			≥ 1000M²		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIU	M-RISE	HIGH RISE		
	ODENIALS DEOTESTIVE	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FPR**	1-HR I	FPR**	1-HR FPR**		
	OPENING PROTECTIVE	TRAVERSES MORE THAN 3 STOREYS	1.5-HR FPR**	1.5-HR	FPR**	1.5-HR FPR**		
С	EMERGENCY POWER SUPPLY SYSTEM	COMPLYING WITH NFPA 110	NOT REQUIRED	NOT RE	QUIRED	REQUIRED		
1	GENERATORS	ENCLOSURE	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
D	FIRE PUMP ROOM	COMPLYING WITH NFPA 20	REQUIRED	REQU	JIRED	REQUIRED		
		MORE THAN 15.3 M FROM ANY BUILDING	1-HR FRR*	1-HR FRR*		1-HR FRR*		1-HR FRR*
1	ENCLOSURES	WITHIN 15.3M OR ATTACHED TO BUILDINGS	2-HRS FRR*	2-HRS FRR*		2-HRS FRR*		2-HRS FRR*
1	ENCLOSURES	THROUGHOUT SPRINKLER (BUILDING/S & PUMP ROOM)	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
2	DIRECT SAFE ACCESS	EXTERNAL ACCESS WITHIN THE LEVEL OF DISCHARGE (GROUND FLOOR)	REQUIRED	REQUIRED		REQUIRED		
2	DIRECT SAFE ACCESS	WITHIN 3M FROM ANY EXIT THAT COMPLIES WITH DIRECT DISCHARGE REQUIREMENTS	PERMITTED	PERM	ITTED	PERMITTED		
3	ACCESS COMPONENT (UNDERGOUND LOCATION)	STANDARD TYPE STAIR (OF ANY NON-COMBUSTIBLE MATERIAL)	REQUIRED	REQU	JIRED	REQUIRED		
		CAT STEEL LADDER	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED		
E	FIRE WATER TANKS	COMPLYING WITH NFPA 22	REQUIRED	REQU	JIRED	REQUIRED		
		NON-COMBUSTIBLE MATERIAL	REQUIRED	REQU	JIRED	REQUIRED		
	WATER TANK MATERIALS	GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE)	PERMITTED	PERM	ITTED	PERMITTED		
	DESIGN/COMPARTMENTATION	TWO (2) COMPARTMENTS	REQUIRED	REQU	JIRED	REQUIRED		
F	SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 92 & NFPA 204	NOT REQUIRED	REQU	JIRED	REQUIRED		
	VENTILATION BY ANY OF THE FOLLOWING: a. NATURAL VENTILATION;	EXIT STAIRCASES CONNECTS MORE THAN FIVE (5) STOREYS (LEVELS) INCLUDING BASEMENT/S	NOT APPLICABLE	REQU	JIRED	REQUIRED		
	 b. MECHANICAL VENTILATION BY POSITIVE VENTILATION (PRESSURIZATION) SYSTEM 	AND/OR WHEN SMOKE-STOP &/OR FIRE FIGHTING LOBBIES ARE REQUIRED	NOT APPLICABLE	NOT APP	PLICABLE	REQUIRED		



BUILDING PLAN - FIRE SAFETY GUIDE

ı	APPLICATIONS		DORN	IITORY AND ACCON	MMODATIONS BUIL	DINGS	
	-	IILITARY BARRACKS / LABOR/WORKERS & STAFF SING	A BUILDING OR GROUP OF BUILDINGS THAT PROVIDES SLEEPING ACCOMMODATIONS ON A TRANSIENT OR PERMANENT BASIS WITH OR WITHOUT MEALS BUT WITHOUT SEPARATE COOKING FACILITIES FOR INDIVIDUA OCCUPANTS				
П	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILD	DING AREA REQUIREMENTS	
Α	LOW-RISE DORMITORY & ACCOMMODATIONS	≤ 15M			≤ 500M²		
В	MEDIUM-RISE DORMITORY & ACCOMMODATIONS	> 15M TO < 28M			> 500M ² - < 1000M ²		
С	HIGH-RISE DORMITORY & ACCOMMODATIONS		≥ 28M			≥ 1000M²	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE	MEDIU	IM-RISE	HIGH RISE	
	VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING:	BASEMENT LEVEL/S WITH FLOOR AREA (FA) EXCEEDING 500 SQ.M.	NOT APPLICABLE	REQU	JIRED	REQUIRED	
	a. NATURAL VENTILATION; b. MECHANICAL VENTILATION & SMOKE CONTROL SYSTEM	VERTICAL OPENINGS, ATRIUMS & OTHER LARGE VOLUME OF SPACES	REQUIRED	REQU	JIRED	REQUIRED	
G	AIR-CONDITIONING & VENTILATION SYSTEM	COMPLYING WITH NFPA 90A & NFPA 90B AND OTHER RELEVANT, APPLICABLE NFPA CODES & STANDARDS	REQUIRED	REQU	JIRED	REQUIRED	

Note:

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

^{*}This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

^{**}Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

^{*}FPR*-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

^{*}NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

BUSINESS OCCUPANCIES

- 1	APPLICATIONS			BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHOPS COUNTERS) < 50 PERSONS / CLASSROOM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING S/SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH DICTIONAL LABORATORIES < 50 SEATING CAPACITY / DUT-PATIENT CLINICS < 4 PATIENTS	H OCCUPANCY USED FOR TRANSACTION OF RUSINESS OTHER THAN MERCANTILE				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	REMENTS	BUILDI	NG AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY		≤ 15M			≤ 500M²	
	MEDITINA DICE DISCINICA OCCUPANCY	TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M		>	> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY > 18M TO < 28M				≥ 1000M²		
С	HIGH-RISE BUSINESS OCCUPANCY	≥ 28M			UL-UNLIMITED		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES	
III	BUILDING AND SITE ACCESS FOR FIRE FIGHTING &	RESCUE					
Α	SITE ACCESS	4.0M MINIMUM CLEAR WIDTH	REQUIRED	REQUIRED		REQUIRED	
,,	51127166233	4.5M MINIMUM CLEAR HEIGHT		2		QOED	
В	ACCESS ROAD	4.0M MIN. WIDTH AND 24 TON LOAD CAPACITY WITHIN A TRAVEL DISTANCE OF 45M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BUILDING.	REQUIRED	NOT R	EQUIRED	NOT REQUIRED	
С	FIRE ENGINE HARDSTANDING	LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING 6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING POSITIONED SO THAT THE NEARER EDGE SHALL NOT BE LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING, MEASURED HORIZONTALLY.	REQUIRED WHEN BUILDING - HABITABLE HEIGHT EXCEEDS 10M	REQUIRED		REQUIRED	
D	FIRE COMMAND CENTER	HIGH-RISE BUILDING AND OTHER THAN HIGH-RISE WITH EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM 9M2 MINIMUM AREA (LEAST DIMENSION 2.5M) AT LEAST WITH 1M CLEARANCE FROM ALL EQUIPMENT	NOT REQUIRED	REQUIRED IN EITHER PROVISIONS OF AN EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM		REQUIRED	



ı	APPLICATIONS			BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHO COUNTERS) < 50 PERSONS / CLASSROOM/INS	OURTHOUSES / DOCTORS/DENTIST OFFICES / MEETING OPS/SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH TRUCTIONAL LABORATORIES < 50 SEATING CAPACITY / RY OUT-PATIENT CLINICS < 4 PATIENTS					
Ш	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIF	REMENTS	BUILDI	NG AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY		≤15M			≤ 500M²	
		TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M		>	> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY		> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY	≥ 28M			UL-UNLIMITED		
				MEDIUM-RIS			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	ТҮРЕ А ТҮРЕ В		HIGH RISE OFFICES	
		2-HOURS ENCLOSURES (WALLS, OPENINGS & PENETRATIONS)	NOT REQUIRED	REQUIRED IN EITI OF AN EMERC		REQUIRED	
D	D FIRE COMMAND CENTER	PROVIDED WITH PROMINENTLY MARKED EXTERIOR ENTRANCES	NOT REQUIRED		ATION SYSTEM CONTROL SYSTEM	REQUIRED	
		INSTEAD OF A DEDICATED FIRE RATED ROOM: LOBBIES OR OTHER SPACES ADJACENT TO THE MAIN ENTRANCE OF THE BUILDING	NOT APPLICABLE	PERN	MITTED	NOT PERMITTED	
		BUILDINGS EQUAL OR MORE THAN 28.0M HIGH ABOVE FIRE ENGINE ACCESS LEVEL	NOT APPLICABLE	NOT AP	PLICABLE	REQUIRED	
		BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQ	UIRED	REQUIRED	
		SERVES ALL HABITABLE FLOORS					
		CONTAINED WITHIN A DEDICATED PROTECTED SHAFT	REQUIRED IN EVERY FIRE SERVICE ACCESS	7	ERY FIRE SERVICE	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT	
E	FIRE LIFT	APPROACHED BY FIRE FIGHTING LOBBY AT EACH STOREY	ELEVATOR/FIRE LIFT PROVISIONS		ISIONS	PROVISIONS	
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE					
		FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.12	NOT REQUIRED	NOT RI	EQUIRED	REQUIRED	
		AMBULANCE STRETCHER ACCOMMODATION ELEVATOR/LIFT [NFPA 5000 (2012 Ed.) CHAP. 54.3]	NOT REQUIRED	NOT REQUIRED	REQUIRED	REQUIRED TO SERVE AS THE OTHER FIRE LIFT	
		WHEN REQUIRED, AT LEAST ONE (1) FIRE LIFT FOR EVERY 900 SQM. FLOOR AREA	REQUIRED IN EVERY FIRE LIFT PROVISIONS	*	EVERY FIRE LIFT	REQUIRED IN EVERY FIRE LIFT PROVISIONS	



I	APPLICATIONS			BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHOPS COUNTERS) < 50 PERSONS / CLASSROOM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING /SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH ICTIONAL LABORATORIES < 50 SEATING CAPACITY / DUT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	REMENTS	BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY		≤ 15M			≤ 500M²	
		TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M			> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY		≥ 28M			UL-UNLIMITED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES	
IV	MEANS OF EGRESS						
Α	MEANS OF EGRESS GENERAL REQUIREMENTS						
1	SEPARATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED	
	EXIT ACCESS CORRIDORS	SERVING AN AREA WITH AN OCCUPANT LOAD >30	1-HR FRR*	1-HF	R FRR*	1-HR FRR*	
	EXITS	CONNECTS 3 OR FEWER STORIES	1-HR FRR*	1-HF	R FRR*	1-HR FRR*	
	EXIIS	CONNECTS 4 OR MORE STORIES	2-HRS FRR*	2-HR	S FRR*	2-HRS FRR*	
	OPENING PROTECTIVE	FIRE DOOR ASSEMBLIES EQUIPPED WITH DOOR CLOSERS	REQUIRED	REQ	UIRED	REQUIRED	
	CONSTRUCTION	LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQ	UIRED	REQUIRED	
	OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	NITTED	PERMITTED	
2	EXITS HEADROOM	NOT LESS THAN 2285MM	REQUIRED	REQ	UIRED	REQUIRED	
	HEADROOM ON STAIRS	NOT LESS THAN 2285MM	REQUIRED	REQ	UIRED	REQUIRED	
3	WALKING SURFACES IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
4	CHANGES IN LEVEL IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
5	GUARDS	AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQ	UIRED	REQUIRED	
6	IMPEDIMENT TO EGRESS		NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
7	MEANS OF EGRESS RELIABILITY	CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTION OR IMPEDIMENTS	REQUIRED	REQ	UIRED	REQUIRED	
	FURNISHING AND DECORATION	FURNITURES, MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	



ı	APPLICATIONS				BUSINESS	OCCUPANCIES		
	GENERAL OFFICES / CITY/MUNICIPAL HALLS/ COUF ROOMS [<50 SEATING CAPACITY] / BARBER SHOPS/ COUNTERS) < 50 PERSONS / CLASSROOM/INSTRU BIRTH CENTERS/AMBULATORY O	/SALONS / SERVICE FACILIT CTIONAL LABORATORIES <	IES (NEWSSTAND, LUNCH 50 SEATING CAPACITY /	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
II	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIR	EMENTS	BUILDI	NG AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY			≤ 15M			≤ 500M²	
,	MEDILINA DISE DUSINESS OSCUDANOV	TYPE A - MEDIUM-RISE	BUSINESS OCCUPANCY	> 15M TO ≤ 18M		;	> 500M² - < 1000M²	
В	WEDIOW-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY > 18M TO < 28M				≥ 1000M²		
С	HIGH-RISE BUSINESS OCCUPANCY			≥ 28M			UL-UNLIMITED	
	FIRE SAFETY PROVISIONS	MINIMUM RE	EQUIREMENTS	LOW-RISE OFFICES	MEDIUM-F TYPE A	RISE OFFICES TYPE B	HIGH RISE OFFICES	
В	MEANS OF EGRESS COMPONENTS							
1	FIRE DOORS	COMPLYING WITH CHAPT	ER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
	CIDE LUNCE OF BUYOTER CHAINCING TARE	ANY DOOR ASSEMBLY IN	A MEANS OF EGRESS	REQUIRED	REQ	UIRED	REQUIRED	
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	MINIMUM DOOR LEAF W	'IDTH	810MM (32IN.)	810	DMM	810MM (32IN.)	
	HORIZONTAL SLIDING DOORS	COMPLYING WITH CHAPT	ER 7 NFPA 101	PERMITTED	PERN	MITTED	PERMITTED	
	VERTICAL ROLLING DOORS	COMPLYING WITH CHAPT	ER 7 NFPA 101	PERMITTED	PERN	NITTED	PERMITTED	
	REVOLVING DOORS/POWERED DOORS	COMPLYING WITH CHAPT	ER 7 NFPA 101	PERMITTED	PERN	NITTED	PERMITTED	
	SELF-CLOSING DEVICES	IN ALL DOORS REQUIRED CLOSED	TO BE NORMALLY KEPT	REQUIRED	REQ	UIRED	REQUIRED	
2	STAIRS	COMPLYING WITH CHAPT	ER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
		FEWER THAN 50 PERSON	(CLEAR WIDTH)	915MM	915	БММ	915MM	
	STANDARD STAIRS	< 2000 PERSON (CLEAR W	/IDTH)	1120MM	112	0ММ	1120MM	
		≥ 2000 PERSON (CLEAR W	/IDTH)	1420MM	142	0ММ	1420MM	
	SPIRAL STAIRS	COMPLYING WITH CHAPT	ER 7 NFPA 101	PERMITTED	PERN	NITTED	PERMITTED	
	CURVE STAIRS	COMPLYING WITH CHAPT	ER 7 NFPA 101	PERMITTED	PERM	/IITTED	PERMITTED	
	WINDERS	COMPLYING WITH CHAPT	ER 7 NFPA 101	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
	GUARDS AND HANDRAILS	COMPLYING WITH CHAPT	ER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
	ENCLOSURE AND PROTECTION OF STAIRS	COMPLYING WITH CHAPT	ER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
		INTERIOR STAIR SERVING	AS AN EXIT COMPONENT	REQUIRED	REQ	UIRED	REQUIRED	
	ENCLOSURES	DOORS FPR**	≤3 STORY / ≥3 STORY	1-HR FPR**FRP* / 1.5-HR FPR**	1-HR FPR**FRP	* / 1.5-HR FPR**	1-HR FPR**FRP* / 1.5-HR FPR**	
		ENCLOSURES FRR*	≤3 STORY / ≥3 STORY	1-HR FRR* / 2-HRS FRR*	1-HR FRR*	/ 2-HRS FRR*	1-HR FRR* / 2-HRS FRR*	



1	APPLICATIONS			BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHOPS, COUNTERS) < 50 PERSONS / CLASSROOM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING /SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH CTIONAL LABORATORIES < 50 SEATING CAPACITY / UT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	REMENTS	BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY	≤ 15M			≤ 500M²		
		TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M			> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY	≥ 28M			UL-UNLIMITED		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES	
	ENCLOSURE EXEMPTION	PENETRATING ONE FLOOR LEVEL OR SERVING MEZZANINE ONLY	PERMITTED	PERMITTED		PERMITTED	
	EXPOSURES	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE	1-HR FRR*	1-HI	R FRR*	1-HR FRR*	
	USEABLE SPACE	WITHIN EXIT ENCLOSURE	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
	USEABLE SPACE	UNDER STAIRS COMPLYING WITH CONDITIONS IN NFPA 101 Life Safety Code	PERMITTED	PERM	NITTED	PERMITTED	
	STAIRWAY IDENTIFICATION	SERVING 3 OR MORE STOREYS	REQUIRED	REQ	UIRED	REQUIRED	
	EXIT STAIR PATH MARKINGS	ALL STAIR COMPONENTS	REQUIRED	REQ	UIRED	REQUIRED	
	PERIMETER DEMARCATION MARKING	COMPLYING WITH NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
	LOCK, LATCHES & ALARM DEVICES	COMPLYING WITH NFPA 101	PERMITTED	PERM	/IITTED	PERMITTED	
	RE-ENTRY PROVISIONS	LOCKED STAIRS EXCEEDING 4 STOREYS	NOT REQUIRED	REQ	UIRED	REQUIRED	
		COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	/IITTED	PERMITTED	
3	RAMPS	AS SECONDARY EXIT FOR ONE (1) BASEMENT LEVEL	PERMITTED	PERM	NITTED	PERMITTED	
		BUILDING EQUAL OR MORE THAN 4 STOREYS (G+3) OR ROOFS 12M ABOVE GRADE PLANE	REQUIRED	REQ	UIRED	REQUIRED	
4	ROOF ACCESS	WHERE OPEN STAIR/S ARE PERMITTED AND PROVIDED IN LOW-RISE BUSINESS OCCUPANCY	NOT APPLICABLE	NOT AF	PLICABLE	NOT APPLICABLE	
		ONE AT EACH 9300M ² ROOF AREA OR FLAT ROOFS OR ROOF PITCH <3 IN 12	REQUIRED	REQ	UIRED	REQUIRED	



- 1	APPLICATIONS			BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHO COUNTERS) < 50 PERSONS / CLASSROOM/INST	DURTHOUSES / DOCTORS/DENTIST OFFICES / MEETING PS/SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH RUCTIONAL LABORATORIES < 50 SEATING CAPACITY / Y OUT-PATIENT CLINICS < 4 PATIENTS					
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	REMENTS	BUILDI	NG AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY		≤ 15M			≤ 500M²	
		TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M		:	> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY		≥ 28M			UL-UNLIMITED	
Č	THAT-NISE BOSINESS OCCUPANCE		E 20141	MEDILINA	RISE OFFICES	OE-GRENWITED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	TYPE A TYPE B		HIGH RISE OFFICES	
	ROOF ACCESS COMPONENTS	SMOKE VENTS (FIXED WALL OPENING) AT THE TOP OF THE STAIRWELL WITH A MIN. AREA OF 1.5M ² .	REQUIRED	NOT APPLICABLE		NOT APPLICABLE	
		STAIR ACCESS TO ROOF WITH OPERABLE DOORS	REQUIRED	REQUIRED		REQUIRED	
5	SMOKE PROOF ENCLOSURES	FRR* FIRE RESISTANCE RATING					
	STAIR ENCLOSURES	INTERIOR STAIR SERVING AS AN EXIT COMPONENT	REQUIRED	REQ	UIRED	REQUIRED	
	STAIR ENCLOSURES	OPEN STAIR PENETRATING ONE (1) FLOOR ONLY	PERMITTED	PERM	MITTED	PERMITTED	
		IN EVERY FIRE LIFT PROVISIONS AT EVERY FLOOR LEVEL SERVED					
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE	REQUIRED IN EVERY FIRE LIFT	DEOLUBED IN	EVERY FIRE LIFT	REQUIRED IN EVERY FIRE LIFT	
	FIRE FIGHTING LOBBY (F/F LOBBY)	SERVES AS A COMMON LOBBY FOR BOTH FIRE LIFT/S AND THE ADJACENT EXIT STAIRCASE	PROVISIONS	•	/ISIONS	PROVISIONS	
		6M ² MINIMUM WORKING SPACE/AREA WITH NO SIDE LESS THAN 2.0M. DIMENSION					
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT REQUIRED	-	IF EXITS COMPLIES SCHARGE REQ'TS	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS	
		HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	NOT APPLICABLE	NOT AP	PPLICABLE	REQUIRED	
	SMOKE-STOP LOBBY (S/S LOBBY)	BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH	REQUIRED ON ALL FLOOR LEVELS	REQUIRED ON A	ALL FLOOR LEVELS	REQUIRED ON ALL FLOOR LEVELS	
		EXCEEDS FIVE (5) STORIES INCLUDING BASEMENTS & BELONGS TO AN ASSEMBLY OCCUPANCY REGARDLESS OF THE HABITABLE HEIGHT	NOT APPLICABLE	NOT APPLICABLE		NOT APPLICABLE	



I APPLICATIONS			BUSINESS	OCCUPANCIES		
ROOMS [<50 SEATING CAPACITY] / BARBER SHO COUNTERS) < 50 PERSONS / CLASSROOM/INST	DURTHOUSES / DOCTORS/DENTIST OFFICES / MEETING PS/SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH RUCTIONAL LABORATORIES < 50 SEATING CAPACITY / Y OUT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
II OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	REMENTS	BUILE	DING AREA REQUIREMENTS	
A LOW-RISE BUSINESS OCCUPANCY		≤ 15M			≤ 500M²	
NATION IN DISC DUSINESS OCCUPANCY	TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M			> 500M² - < 1000M²	
B MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
C HIGH-RISE BUSINESS OCCUPANCY	HIGH-RISE BUSINESS OCCUPANCY				UL-UNLIMITED	
FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES	
	3M ² MIN. AREA (LEAST SIDE DIMENSION 1.8M)	NOT APPLICABLE	NOT AF	PLICABLE	REQUIRED	
SMOKE-STOP LOBBY (S/S LOBBY)	PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT APPLICABLE	NOT APPLICABLE		NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS	
FIRE FIGHTING LOBBY & SMOKE-STOP LOBBY DOORS & WALL ENCLOSURES	1.5-HR FPR** FIRE PROTECTION RATING/ 2-HRS FRR* FIRE RESISTANCE RATING	NOT APPLICABLE	NOT AP	PLICABLE	REQUIRED	
6 HORIZONTAL EXITS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
7	ENCLOSURE & SEPARATION FIRE RESISTANCE RATING COMPLYING WITH CHAPTER 7 NFPA 101				DEGI HIDED	
EXIT PASSAGEWAYS	MINIMUM WIDTH NOT LESS THAN ¾ OF THE WIDTH OF THE EXIT STAIR	REQUIRED	REQ	UIRED	REQUIRED	
8 ESCALATORS & MOVING WALKS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
9 FIRE ESCAPE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
10 FIRE ESCAPE LADDERS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	MITTED	NOT PERMITTED	
11 SLIDE ESCAPES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
12 ALTERNATING TREAD DEVICES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	MITTED	NOT PERMITTED	
13 AREAS OF REFUGE	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
14 ELEVATORS	AS SECOND MEANS OF EGRESS FROM A TOWER AND COMPLYING WITH ASME A17.1/CSA B44	NOT APPLICABLE	NOT AF	PLICABLE	PERMITTED	
ELEVATOR DOORS	OPENING INTO EXIT ENCLOSURES	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
	AND COMPLYING WITH ASME A17.1/CSA B44					



1	APPLICATIONS				BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARB COUNTERS) < 50 PERSONS / CLASSROO	SER SHOPS M/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING /SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH ICTIONAL LABORATORIES < 50 SEATING CAPACITY / DUT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
II	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIF	REMENTS	BUILDI	NG AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY			≤15M			≤ 500M²	
			TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M		>	> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY		TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY			≥ 28M			UL-UNLIMITED	
	FIRE CAFETY PROVICIONS		AMINIAM INA DECUMPENATATE	LOW DISC OFFICES	MEDIUM-R	RISE OFFICES	LUCH DISE OFFICES	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE OFFICES	TYPE A TYPE B		HIGH RISE OFFICES	
С	CAPACITY OF MEANS OF EGRESS							
1	OCCUPANT LOAD		NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTORS	9.3M²/PERSON	9.3M²/PERSON		9.3M²/PERSON	
2	EGRESS CAPACITY		NFPA 101 TABLE 7.3.3.1 CAPACITY FACTORS	REQUIRED	REQI	UIRED	REQUIRED	
D	NUMBER OF EXITS							
			IN MEZZANINES WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	DEDMITTED	PERMITTED PERM		PERMITTED	
			IN ANY SECTION WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERMITTED	PERIV	III IED	PERIVITIED	
1	SINGLE EXIT		SINGLE TENANTS SPACE OR BUILDING WITH 2 OR FEWER STORIES IN HEIGHT	PERMITTED COMPLYING WITH ALL SINGLE EXIT CONDITIONS*		IPLYING WITH ALL CONDITIONS*		
			IN ANY LEVEL OR STOREY	PERMITTED COMPLYING WITH ALL SINGLE EXIT CONDITIONS*	PERMITTED COMPLYING WITH ALL SINGLE EXIT CONDITIONS*	NOT PERMITTED	NOT PERMITTED	
		1	OCCUPANT LOAD NOT EXCEEDING 50 OCCUPANTS PER FLOOR					
	CONDITIONS* (REQUIRES COMPLIANCE TO ALL STATED CONDITIONS)	2	TRAVEL DISTANCE FROM THE MOST REMOTE AREA TO THE NEAREST EXIT ENCLOSURE DOES NOT EXCEED 23M.	REQUIRED	REQUIRED NOT APPLICABLE 2 EXITS	APPLICABLE 2	NOT APPLICABLE 2 EXITS REQUIRED	
	STATED CONDITIONS)	3	EXIT STAIRS ARE FULLY ENCLOSED			KEQUIKED		
		4	EXIT DISCHARGE DIRECT TO BUILDING EXTERNAL					



ı	APPLICATIONS				BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHOPS COUNTERS) < 50 PERSONS / CLASSROOM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING /SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH ICTIONAL LABORATORIES < 50 SEATING CAPACITY / DUT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE					
II	OCCUPANCY CLASSIFICATION**		BUILDIN	NG HEIGHT REQUII	REMENTS	BUILDI	ING AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY		≤ 15M				≤ 500M²	
		TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY		> 15M TO ≤ 18M	l	;	> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY		> 18M TO < 28M	l	≥ 1000M²		
С	HIGH-RISE BUSINESS OCCUPANCY			≥ 28M			UL-UNLIMITED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RIS	E OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES	
		50 - 500 OCCUPANTS	REQU	JIRED	REQ	UIRED	REQUIRED	
2	NOT LESS THAN 2 SEPARATE EXITS	ON EVERY STORY AND ACCESSIBLE FROM EVERY PART OF EVERY STORY	REQL	JIRED	REQUIRED		REQUIRED	
3	NOT LESS THAN 3 SEPARATE EXITS	EQUAL OR MORE THAN 500 OCCUPANTS	REQU	JIRED	REQUIRED		REQUIRED	
4	NOT LESS THAN 4 SEPARATE EXITS	EQUAL OR MORE THAN 1000 OCCUPANTS	REQU	JIRED	REQ	UIRED	REQUIRED	
E	ARRANGEMENT OF EXITS	(NS*-NOT SPRINKLERED / S**-SPRINKLERED)	NS*	S**	NS*/S**	NS*/S**	NS*	S**
1	TRAVEL DISTANCE	NFPA 101 TABLE A.7.6	61M	91M	61M	91M	61M	91M
2	COMMON PATH LIMIT	NFPA 101 TABLE A.7.6	23M	30M	23M	30M	23M	30M
3	DEAD-END CORRIDOR	NFPA 101 TABLE A.7.6	6.1M	15M	6.1M	15M	6.1M	15M
4	EXIT DISCHARGE							
	EXTERIOR DISCHARGE (DIRECT TO BUILDING EXTERNAL)	COMPLYING WITH NFPA 101	REQU	JIRED	REQ	UIRED	REQUIF	RED
		MAXIMUM 10M TRAVEL DISTANCE TO BUILDING EXTERNAL	PERM	IITTED	PERMITTED	NOT PERMITTED	NOT PERM	IITTED
	THROUGH AREAS ON LEVEL OF EXIT DISCHARGE	50% OF RQUIRED NUMBER OF EXITS & 50% OF REQUIRED EXIT CAPACITY IN BUILDINGS PROTECTED THROUGHOUT WITH SPRINKLER SYSTEM	PERM	IITTED	PERMITTED		PERMITTED	
5	EXTERIOR WAYS OF EXIT	COMPLYING WITH NFPA 101	PERM	IITTED	PERM	IITTED	PERMIT	TED
6	ACCESSIBLE MEANS OF EGRESS	EXIT PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT		HAN 2 EXITS JIRED	NOT LESS THAN	2 EXITS REQUIRED	NOT LESS THAN 2 E	XITS REQUIRED
7	ILLUMINATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQU	JIRED	REQ	UIRED	REQUIF	RED



1	APPLICATIONS				BUSINESS	OCCUPANCIES	
	ROOMS [<50 SEATING CAPACITY] / BA COUNTERS) < 50 PERSONS / CLASSEC	RBER SHOPS, OM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING /SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH CTIONAL LABORATORIES < 50 SEATING CAPACITY / UT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE			
II	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIR	REMENTS	BUILDI	ING AREA REQUIREMENTS
Α	LOW-RISE BUSINESS OCCUPANCY		≤ 15M			≤ 500M²	
·	MATCHINA DICE DISCUSSES OCCUPANCY		TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M		;	> 500M² - < 1000M²
В	MEDIUM-RISE BUSINESS OCCUPANCY		TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²
С	HIGH-RISE BUSINESS OCCUPANCY			≥ 28M			UL-UNLIMITED
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES
8	EMERGENCY LIGHTING		THE BUILDING IS 3 OR MORE STORIES IN HEIGHT; WITH 50 OR MORE OCCUPANTS ABOVE OR BELOW THE LEVEL OF EXIT DISCHARGE WITH 300 OR MORE TOTAL OCCUPANTS	REQUIRED	REQUIRED		REQUIRED
9	MARKINGS OF MEANS OF EGRESS		COMPLYING WITH CHAPTER 7 NFPA 101				
F	SPECIAL MEANS OF EGRESS PROVISION	IS					
1	FIREMEN ACCESS PANELS		HABITABLE HEIGHT EXCEEDING 10M	REQUIRED	REQ	UIRED	REQUIRED
2	REFUGE FLOORS		BUILDING EXCEEDING 30 STORIES	NOT APPLICABLE	NOT AP	PLICABLE	REQUIRED
3	ELEVATORS FOR OCCUPANT CONTROLLED PRIOR TO PHASE I EMERGENCY RECALL OPE		COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED
٧	INTERIOR FINISH CONTENTS AND FURI	NISHING					
Α	INTERIOR FINISH		COMPLYING WITH CHAPTER 10 OF NFPA 101				
1	INTERIOR WALL & CEILING FINISHES		CLASS A OR CLASS B IN EXITS & EXIT ACCESS CORRIDORS	REQUIRED	REQ	UIRED	REQUIRED
			CLASS A OR CLASS B OR CLASS IN OTHER AREAS	REQUIRED	REQ	UIRED	REQUIRED
2	INTERIOR FLOOR FINISHES		CLASS I OR CLASS II IN EXIT ENCLOSURE	REQUIRED	REQ	UIRED	REQUIRED
VI	FEATURES OF FIRE PROTECTION (NFPA						
Α	CONSTRUCTION		COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000				
	CONSTRUCTION		EXTERIOR BEARING WALLS	HOURLY RATINGS BASED ON	HOURLY RATING	S BASED ON NFPA	HOURLY RATINGS BASED ON NFPA
1	(NON-COMBUSTIBLE OR LIMITED	TYPE I OR TYPE II	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	NFPA 5000 HEIGHT & AREA	5000 HEIGHT & AR		5000 HEIGHT & AREA
	COMBUSTIBLE MATERIALS)		FLOOR CONSTRUCTION	REQUIREMENTS	REQUIREMENTS		REQUIREMENTS



ı	APPLICATIONS				BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BAI COUNTERS) < 50 PERSONS / CLASSRO	RBER SHOPS OM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING E/SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH JCTIONAL LABORATORIES < 50 SEATING CAPACITY / DUT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
II	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIR	EMENTS	BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY			≤ 15M			≤ 500M²	
			TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M			> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY		TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY			≥ 28M			UL-UNLIMITED	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES	
В	SUBDIVISION OF BUILDING SPACES		COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQUIRED		REQUIRED	
1	FIRE BARRIES		COMPLYING WITH NFPA 101 AND NFPA 5000	REQUIRED	REQUIRED		REQUIRED	
2	SEPARATION FROM OTHER OCCUPANO	CIES	AS PER NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQUIRED		REQUIRED	
3	CORRIDORS RATED SEPARATION		REQUIRED SEPARATION	1-HR FRR*	1-HI	R FRR*	1-HR FRR*	
	DECLUDED CEDADATION EVENADTION	1	EXITS ARE AVAILABLE FROM AN OPEN FLOOR AREA					
	REQUIRED SEPARATION EXEMPTION (APPLIES TO ANY OF THE	2	WITHIN A SPACE OCCUPIED BY A SINGLE TENANT	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED	
	FOLLOWING)	3	BUILDING PROTECTED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEM					
4	SMOKE PARTITIONS/ SMOKE BARRIERS	S	COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT R	EQUIRED	NOT REQUIRED	
С	VERTICAL OPENINGS PROTECTION		PROTECTION COMPLYING WITH NFPA CODES	REQUIRED	REQ	UIRED	REQUIRED	
1	COMMUNICATING SPACES		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
2	ATRIUMS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
3	CONVENIENCE OPENINGS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
4	SHAFTS		COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
			COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED	
5	MEZZANINES		AGGREGATE FLOOR AREA NOT MORE THAN ½ OF THE SPACE IN WHICH THE LEVEL IS LOCATED	REQUIRED	REQ	UIRED	REQUIRED	
6	CONCEALED SPACES & DRAFSTOPS		COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
	EXTERIOR & INTERIOR WALL & PARTIT	ION	FIRESTOPPED AT EACH FLOOR LEVEL, TOP STORY CEILING LEVEL & AT THE LEVEL OF SUPPORT FOR ROOFS	REQUIRED	REQ	UIRED	REQUIRED	



ı	APPLICATIONS			BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHOP COUNTERS) < 50 PERSONS / CLASSROOM/INSTR	JRTHOUSES / DOCTORS/DENTIST OFFICES / MEETING S/SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH UCTIONAL LABORATORIES < 50 SEATING CAPACITY / OUT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
Ш	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIR	REMENTS	BUILD	ING AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY		≤ 15M			≤ 500M²	
	MATCHINA DICE DISCIDISCO OCCUDANCY	TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M			> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY	≥ 28M			UL-UNLIMITED		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES	
	UNOCCUPIED ATTIC SPACES	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQUIRED		REQUIRED	
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²	REQUIRED	REQUIRED		REQUIRED	
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQUIRED		REQUIRED	
VII	FIRE PROTECTION						
Α	DETECTION ALARM AND COMMUNICATION SYSTE	MS					
1	FIRE ALARM SYSTEM		REQUIRED	REQ	UIRED	REQUIRED	
В	EXTINGUISHING REQUIREMENTS	AS PER INDIVIDUAL CODES & STANDARDS	REQUIRED	REQ	UIRED	REQUIRED	
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED	REQ	UIRED	REQUIRED	
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQUIRED	REQ	UIRED	REQUIRED	
3	STANDPIPE SYSTEM	BUILDING EXCEEDING 9M IN HEIGHT	REQUIRED	REQ	UIRED	REQUIRED	
4	FIRE HOSE REELS	25MM DIAMETER HOSE	NOT REQUIRED	REQ	UIRED	REQUIRED	
		THROUGHOUT PROTECTION	NOT REQUIRED	NOT R	EQUIRED	REQUIRED	
		PROVIDED IN LIEU OF THE REQUIRED DRAFSTOPS IN CONCEALED SPACES	NOT REQUIRED	NOT R	EQUIRED	PERMITTED	
5	AUTOMATIC SPRINKLER SYSTEM	ONE BASEMENT LEVEL USED AS CARPARK ONLY AND NOT EXCEEDING 1115 SQ.M. FIRE AREA	NOT REQUIRED	NOT R	EQUIRED	REQUIRED	
		ONE BASEMENT LEVEL USED AS MIXED OCCUPANCY	REQUIRED	REQ	UIRED	REQUIRED	
		MORE THAN ONE BASEMENT LEVEL	REQUIRED	REQ	UIRED	REQUIRED	
6	OTHER EXTINGUISHING EQUIPMENT	COMPLIANCE TO INDIVIDUAL CODES & STANDARDS	NOT REQUIRED	NOT R	EQUIRED	NOT REQUIRED	



1	APPLICATIONS			BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHOPS COUNTERS) < 50 PERSONS / CLASSROOM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING S/SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH JCTIONAL LABORATORIES < 50 SEATING CAPACITY / DUT-PATIENT CLINICS < 4 PATIENTS					
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIREMENTS BUILD			NG AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY	LOW-RISE BUSINESS OCCUPANCY				≤ 500M²	
,	AAFDUUAA DIGE DUGINEGG OCCUDANGY	TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M		;	> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY	≥ 28M			UL-UNLIMITED		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-RISE OFFICES TYPE A TYPE B		HIGH RISE OFFICES	
VIII	BUILDING SERVICES PROTECTION (ASS* AUTOMATIC SUPPRESSION SYSTEM)						
Α	BUILDING UTILITIES	COMPLYING WITH CHAPTER 9 NFPA 101					
1	GAS EQUIPMENT & RELATED PIPING	PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED	REQUIRED		REQUIRED	
2	ELECTRICAL SYSTEMS	COMPLYING WITH NFPA 70	REQUIRED	REQUIRED		REQUIRED	
	ELECTRICAL EQUIPMENT ROOMS	AUTOMATIC SUPPRESSION SYSTEM or 2-HRS ENCLOSURE	REQUIRED	REQ	UIRED	REQUIRED	
		ATTACHED TO OCCUPIED BUILDINGS REQUIRED PROTECTION	3-HRS FRR* or ASS*	3-HRS FR	R* or ASS*	3-HRS FRR* or ASS*	
	SUBSTATIONS & SWITCHGEARS	STANDALONE TRANSFORMER VAULT REQUIRED PROTECTION	3-HRS FRR* or 2-HRS FRR*with ASS	3-HRS FRR* or 2-	HRS FRR*with ASS	3-HRS FRR* or 2-HRS FRR*with ASS	
		EXPLOSION PROTECTION	ASS* & 2-HRS FRR* ENCLOSURE	ASS* & 2-HRS I	RR* ENCLOSURE	ASS* & 2-HRS FRR* ENCLOSURE	
3	COMMERCIAL COOKING EQUIPMENT	COMPLYING WITH NFPA 96	NOT REQUIRED	NOT R	EQUIRED	NOT REQUIRED	
	KITCHEN/PANTRY	ENCLOSURE FRR*	NOT REQUIRED	NOT R	EQUIRED	NOT REQUIRED	
	COOKING EQUIPMENT	EQUIPMENT USED ONLY FOR FOOD WARMING	PERMITTED	PERM	/IITTED	PERMITTED	
4	ELEVATORS, ESCALATORS & CONVEYORS	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQ	UIRED	REQUIRED	
	FIRE FIGHTERS' EMERGENCY OPERATION	COMPLYING WITH NFPA 101.9 & ASME A17.1/CSA B44	NOT REQUIRED	NOT REQUIRED		REQUIRED	
В	RUBBISH CHUTE, INCINERATORS & LAUNDRY CHUTES	COMPLYING WITH NFPA 82	REQUIRED	REQ	UIRED	REQUIRED	
	ENCLOSURES	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FRR*	1-HF	R FRR*	1-HR FRR*	
	ENCLOSURES	TRAVERSES MORE THAN 3 STOREYS	2-HRS FRR*	2-HR	S FRR*	2-HRS FRR*	



1	APPLICATIONS			BUSINESS (OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHOPS, COUNTERS) < 50 PERSONS / CLASSROOM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING /SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH CTIONAL LABORATORIES < 50 SEATING CAPACITY / UT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIREMENTS BUILDII			ING AREA REQUIREMENTS	
Α	LOW-RISE BUSINESS OCCUPANCY		≤ 15M			≤ 500M²	
	AAFDUUAA DIGE DUGINEGG OOGUDANGY	TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M			> 500M² - < 1000M²	
В	MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M		≥ 1000M²		
С	HIGH-RISE BUSINESS OCCUPANCY		≥ 28M			UL-UNLIMITED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-R TYPE A	ISE OFFICES TYPE B	HIGH RISE OFFICES	
		TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FPR**	1-HR	FPR**	1-HR FPR**	
	OPENING PROTECTIVE	TRAVERSES MORE THAN 3 STOREYS	1.5-HR FPR**	1.5-HR FPR**		1.5-HR FPR**	
С	EMERGENCY POWER SUPPLY SYSTEM	COMPLYING WITH NFPA 110	NOT REQUIRED	NOT REQUIRED	REQUIRED	REQUIRED	
1	GENERATORS	ENCLOSURE	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
D	FIRE PUMP ROOM	COMPLYING WITH NFPA 20	REQUIRED	REQU	JIRED	REQUIRED	
		MORE THAN 15.3 M FROM ANY BUILDING	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
	ENCLOSURES	WITHIN 15.3M OR ATTACHED TO BUILDINGS	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*	
	ENCLOSORES	THROUGHOUT SPRINKLER (BUILDING/S & PUMP ROOM)	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
		EXTERNAL ACCESS WITHIN THE LEVEL OF DISCHARGE	REQUIRED	REQL	JIRED	REQUIRED	
	DIRECT SAFE ACCESS	WITHIN 3M FROM ANY EXIT THAT COMPLIES WITH DIRECT DISCHARGE REQUIREMENTS	PERMITTED	PERM	IITTED	PERMITTED	
	ACCESS COMPONENT (UNDERGOUND LOCATION)	STANDARD STAIR (OF ANY NON-COMBUSTIBLE MATERIAL)	REQUIRED	REQU	JIRED	REQUIRED	
	·	CAT STEEL LADDER	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED	
E	FIRE WATER TANKS	COMPLYING WITH NFPA 22	REQUIRED	REQU	JIRED	REQUIRED	
	WATER TANK MATERIALS	NON-COMBUSTIBLE OR LIMITED COMBUSTIBLE MATERIALS	REQUIRED	REQL	JIRED	REQUIRED	
	•	GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE)	NOT APPLICABLE	PERMITTED		PERMITTED	
	DESIGN/COMPARTMENTATION	TWO (2) COMPARTMENTS	REQUIRED	REQL	JIRED	REQUIRED	



BUILDING PLAN - FIRE SAFETY GUIDE

ı	APPLICATIONS			BUSINESS	OCCUPANCIES		
	ROOMS [<50 SEATING CAPACITY] / BARBER SHOPS COUNTERS) < 50 PERSONS / CLASSROOM/INSTRU	RTHOUSES / DOCTORS/DENTIST OFFICES / MEETING /SALONS / SERVICE FACILITIES (NEWSSTAND, LUNCH CTIONAL LABORATORIES < 50 SEATING CAPACITY / PUT-PATIENT CLINICS < 4 PATIENTS	OCCUPANCY USED FOR TRANSACTION OF BUSINESS OTHER THAN MERCANTILE				
II	OCCUPANCY CLASSIFICATION**	BUILDING HEIGHT REQUIF	REMENTS	BUILDI	NG AREA REQUIREMENTS		
Α	LOW-RISE BUSINESS OCCUPANCY		≤ 15M			≤ 500M²	
	MEDITING DISE BUSINESS OCCUPANCY	TYPE A - MEDIUM-RISE BUSINESS OCCUPANCY	> 15M TO ≤ 18M		;	> 500M² - < 1000M²	
Ь	MEDIUM-RISE BUSINESS OCCUPANCY	TYPE B - MEDIUM-RISE BUSINESS OCCUPANCY	> 18M TO < 28M			≥ 1000M²	
С	HIGH-RISE BUSINESS OCCUPANCY	≥ 28M		UL-UNLIMITED			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW-RISE OFFICES	MEDIUM-I	RISE OFFICES TYPE B	HIGH RISE OFFICES	
F	SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 92 & NFPA 204	NOT REQUIRED	REQ	UIRED	REQUIRED	
1	VENTILATION BY ANY OF THE FOLLOWING: 1.1. NATURAL VENTILATION;	EXIT STAIRCASES CONNECTS MORE THAN FIVE (5) STOREYS (LEVELS) INCLUDING THE BASEMENTS	NOT APPLICABLE	REQ	UIRED	REQUIRED	
	1.2. MECHANICAL VENTILATION BY POSITIVE VENTILATION (PRESSURIZATION) SYSTEM	AND/OR WHEN SMOKE STOP &/OR FIRE FIGHTING LOBBIES ARE REQUIRED	NOT APPLICABLE	NOT AF	PPLICABLE	REQUIRED	
2	VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING:	BASEMENT LEVEL/S WITH FLOOR AREA (FA) EXCEEDING 500 SQ.M.	NOT APPLICABLE	REQ	UIRED	REQUIRED	
	1.1 NATURAL VENTILATION; 1.2 MECHANICAL VENTILATION & SMOKE CONTROL SYSTEM	VERTICAL OPENINGS, ATRIUMS & OTHER LARGE VOLUME OF SPACES	REQUIRED	REQUIRED		REQUIRED	
G	AIR-CONDITIONING & VENTILATION SYSTEM	COMPLYING WITH NFPA 90A & NFPA 90B AND OTHER RELEVANT, APPLICABLE NFPA CODES & STANDARDS	REQUIRED	REQ	UIRED	REQUIRED	

Note:

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

^{*}This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

^{**}Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

^{*}FPR*-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

^{*}NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

MERCANTILE OCCUPANCIES

ı	APPLICATIONS			MERCANTILE	OCCUPANCIES		
	AUTOMOBILES SALES SHOWROOM / COMPU ROOMS / RESTAURANTS [<50 SEATING CAPAC	TERS / SUPERMARKETS / CONVENIENCE STORE / TER AND ELECTRONIC STORE / DRUGSTORES / AUCTION CITY] / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR FILLING STATIONS, ROADSIDE STANDS)	AN OCCUDANCY LISED FOR THE DISDLAY AND SALE OF MERCHANDISE				
II	OCCUPANCY CLASSIFICATION	•	BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS	
Α	TYPE C - MERCANTILE OCCUPANY		1 STOREY		<28	0 M² GROSS AREA	
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS		>280 M ²	- <2800 M² GROSS AREA	
С	TYPE A - MERCANTILE OCCUPANY	E A - MERCANTILE OCCUPANY			> 280	00 M² GROSS AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE C	TY	PE B	TYPE A	
III	BUILDING AND SITE ACCESS FOR FIRE FIGHTING	G & RESCUE					
	SITE ACCESS	4.0M MINIMUM CLEAR WIDTH	REQUIRED	REQUIRED		REQUIRED	
Α	SITE ACCESS	4.5M MINIMUM CLEAR HEIGHT	REQUIRED			REQUIRED	
	ACCESS ROAD WITH POINT	4.0M MININIMUM WIDTH AND 24 TON LOAD CAPACITY	REQUIRED (HABITABLE HEIGHT	REQUIRED (HABITABLE HEIGHT LESS THAN 10M)		REQUIRED (HABITABLE HEIGHT	
В		WITHIN A TRAVEL DISTANCE OF 45M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BUILDING.	LESS THAN 10M)			LESS THAN 10M)	
		LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING					
С	FIRE ENGINE HARDSTANDING	6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING	NOT REQUIRED	REQUIRED WHEN BUILDING		REQUIRED WHEN BUILDING HABITABLE HEIGHT EXCEEDS	
C	THE ENGINE HARDSTANDING	POSITIONED SO THAT THE NEARER EDGE SHALL NOT BE LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING, MEASURED HORIZONTALLY.				10M	
		HIGH-RISE BUILDING AND OTHER THAN HIGH-RISE WITH EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM		REQUIRED IN EI	THER PROVISIONS	REQUIRED IN EITHER	
D	FIRE COMMAND CENTER	9M ² MINIMUM WORKING AREA WITH LEAST DIMENSION OF 2.5M.	NOT REQUIRED	COMMUNIC	GENCY VOICE ATION SYSTEM	PROVISIONS OF EMERGENCY VOICE COMMUNICATION	
		AT LEAST WITH 1M CLEARANCE FROM ALL EQUIPMENT		AND/OR SMOKE CONTROL SYSTEM		SYSTEM AND/OR SMOKE CONTROL SYSTEM	
		2-HOURS ENCLOSURES (WALLS, OPENINGS & PENETRATIONS)					



-	APPLICATIONS			MFRCANTILE	OCCUPANCIES			
	DEPARTMENT STORES / SHOPPING CENTER AUTOMOBILES SALES SHOWROOM / COMPUTER ROOMS / RESTAURANTS [<50 SEATING CAPACITY]	IS / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR LING STATIONS, ROADSIDE STANDS)	ANI OCCIDANICY LIGHT END THE DIGDLAY AND CALL OF MEDCHANIDICE					
II	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS		
Α	TYPE C - MERCANTILE OCCUPANY	1 STOREY <28			0 M² GROSS AREA			
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS		>280 M ²	- <2800 M² GROSS AREA		
С	TYPE A - MERCANTILE OCCUPANY		>3 STOREYS		> 280	00 M² GROSS AREA		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	ТҮРЕ С	TY	PE B	ТҮРЕ А		
D	FIRE COMMAND CENTER	PROVIDED WITH PROMINENTLY MARKED EXTERIOR ENTRANCES INSTEAD OF A DEDICATED FIRE RATED ROOM: LOBBIES OR OTHER SPACES ADJACENT TO THE	NOT REQUIRED	REQUIRED IN EITHER PROVISIONS OF EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM		REQUIRED IN EITHER PROVISIONS OF EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE		
		MAIN ENTRANCE OF THE BUILDING BUILDINGS EQUAL OR MORE THAN 28M HIGH ABOVE ENGINE ACCESS LEVEL.	NOT APPLICABLE	NOT APPLICABLE				NOT APPLICABLE
		BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED (R)	REQU	IRED (R)	REQUIRED (R)		
		SERVES ALL HABITABLE FLOORS						
		CONTAINED IN A DEDICATED PROTECTED SHAFT	REQUIRED IN EVERY FIRE LIFT	REQUIRED IN EVERY FIRE LIFT PROVISIONS		REQUIRED IN EVERY FIRE LIFT		
F	FIRE LIFT	APPROACHED BY FIRE FIGHTING LOBBY AT EACH STOREY	PROVISIONS			PROVISIONS		
_	FIRE LIFT	ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE						
		FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT IN ACCORDANCE WITH NFPA 5000 (2012 Ed.) CHAP. 54.12	(R) EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	• •	.0M BELOW THE CIT DISCHARGE	(R) EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE		
		AMBULANCE STRETCHER ACCOMMODATION ELEVATOR/LIFT [NFPA 5000 (2012 Ed.) CHAP. 54.3]	NOT REQUIRED		ORE THAN 18M IE ACCESS LEVEL.	EQUAL OR MORE THAN 18M ABOVE ENGINE ACCESS LEVEL.		
		WHEN REQUIRED, AT LEAST ONE (1) FIRE LIFT FOR EVERY 900 SQM. FLOOR AREA	NOT APPLICABLE	,	EVERY FIRE LIFT /ISIONS	REQUIRED IN EVERY FIRE LIFT PROVISIONS		
IV	MEANS OF EGRESS							
Α	MEANS OF EGRESS GENERAL REQUIREMENTS							
1	SEPARATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED		
	EXIT ACCESS CORRIDORS	SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30	1-HR FRR*	1-HI	R FRR*	1-HR FRR*		



- 1	APPLICATIONS			MERCANTILE OC	CUPANCIES		
	AUTOMOBILES SALES SHOWROOM / COMPUTER ROOMS / RESTAURANTS [<50 SEATING CAPACITY	S / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION J / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR LING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.				
II	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	EMENTS	BUILDING	IG AREA REQUIREMENTS	
Α	TYPE C - MERCANTILE OCCUPANY		1 STOREY		<28	0 M² GROSS AREA	
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS	≤3 STOREYS >280 M ² -		- <2800 M² GROSS AREA	
С	TYPE A - MERCANTILE OCCUPANY		>3 STOREYS		> 280	00 M² GROSS AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	ТҮРЕ С	ТҮРЕ	В	TYPE A	
	EVITE	CONNECTS 3 OR FEWER STORIES	1-HR FRR*	1-HR FRR* 2-HRS FRR*		1-HR FRR*	
	EXITS	CONNECTS 4 OR MORE STORIES	2-HRS FRR*			2-HRS FRR*	
	OPENING PROTECTIVE	FIRE DOOR ASSEMBLIES EQUIPPED WITH DOOR CLOSERS	REQUIRED	REQUIRED		REQUIRED	
	CONSTRUCTION	LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQUIRED		REQUIRED	
	OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED		PERMITTED	
2	EXITS HEADROOM	NOT LESS THAN 2285MM	REQUIRED	REQUIRED		REQUIRED	
	HEADROOM ON STAIRS	NOT LESS THAN 2285MM	REQUIRED	REQUII	RED	REQUIRED	
3	WALKING SURFACES IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUII	RED	REQUIRED	
4	CHANGES IN LEVEL IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUII	RED	REQUIRED	
5	GUARDS	PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQUII	RED	REQUIRED	
6	IMPEDIMENT TO EGRESS		NOT PERMITTED	NOT PERM	/IITTED	NOT PERMITTED	
7	MEANS OF EGRESS RELIABILITY	CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTION OR IMPEDIMENTS	REQUIRED	REQUII	RED	REQUIRED	
	FURNISHING AND DECORATION	FURNITURES OR MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PERM	MITTED	NOT PERMITTED	
В	MEANS OF EGRESS COMPONENTS						
1	FIRE DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUII	RED	REQUIRED	
	SIDE HINGE OF BIVOTED SWINGING TYPE	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	REQUII	RED	REQUIRED	
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	MINIMUM DOOR LEAF WIDTH	810MM (32IN.)	810MM (32IN.)	810MM (32IN.)	
	HORIZONTAL SLIDING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMIT	TED	PERMITTED	
	VERTICAL ROLLING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMIT	TTED	PERMITTED	



ı	APPLICATIONS				MERCANTILE	OCCUPANCIES	
	DEPARTMENT STORES / SHOPPING CENTER AUTOMOBILES SALES SHOWROOM / COMPUTER A ROOMS / RESTAURANTS [<50 SEATING CAPACITY] MARKETS, PETROL/GASOLINE FILL	AND ELECTRONIC STORE / / OPEN AIR MERCANTILE (DRUGSTORES / AUCTION OCCUPANCIES (OPEN-AIR	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.			
Ш	OCCUPANCY CLASSIFICATION			BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS
Α	TYPE C - MERCANTILE OCCUPANY			1 STOREY		<28	0 M² GROSS AREA
В	TYPE B - MERCANTILE OCCUPANY			≤3 STOREYS		>280 M ²	- <2800 M² GROSS AREA
С	TYPE A - MERCANTILE OCCUPANY			>3 STOREYS		> 280	00 M² GROSS AREA
	FIRE SAFETY PROVISIONS	MINIMUM R	EQUIREMENTS	ТҮРЕ С	TY	PE B	ТҮРЕ А
	REVOLVING DOORS/POWERED DOORS	COMPLYING WITH CHAP	TER 7 NFPA 101	PERMITTED	PERM	NITTED	PERMITTED
	SELF-CLOSING DEVICES	IN ALL DOORS REQUIRE CLOSED	D TO BE NORMALLY KEPT	REQUIRED	REQ	UIRED	REQUIRED
2	STAIRS	COMPLYING WITH CHAP	TER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED
		FEWER THAN 50 PERSON	I (CLEAR WIDTH)	915MM	91!	ММ	915MM
	STANDARD STAIRS	< 2000 PERSON (CLEAR V	VIDTH)	1120MM	1120MM		1120MM
		≥ 2000 PERSON (CLEAR V	VIDTH)	1420MM	142	0ММ	1420MM
	SPIRAL STAIRS	COMPLYING WITH CHAP	TER 7 NFPA 101	PERMITTED	PERMITTED		PERMITTED
	CURVE STAIRS	COMPLYING WITH CHAP	TER 7 NFPA 101	PERMITTED	PERMITTED		PERMITTED
	WINDERS	COMPLYING WITH CHAP	TER 7 NFPA 101	NOT PERMITTED	NOT PERMITTED		NOT PERMITTED
	GUARDS AND HANDRAILS	COMPLYING WITH CHAP	TER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED
	ENCLOSURE AND PROTECTION OF STAIRS	COMPLYING WITH CHAP	TER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED
		ALL INTERIOR STAIRS COMPONENT	SERVING AS AN EXIT	REQUIRED	REQ	UIRED	REQUIRED
	ENCLOSURES	DOORS FPR**	≤3 STORIES / ≥3 STORIES	1-HR FPR** / 1.5-HR FPR**	1-HR FPR**	/ 1.5-HR FPR**	1-HR FPR** / 1.5-HR FPR**
		ENCLOSURES FRR*	≤3 STORIES / ≥3 STORIES	1-HR FRR* / 2-HRS FRR*	1-HR FRR*	/ 2-HRS FRR*	1-HR FRR* / 2-HRS FRR*
	ENCLOSURE EXEMPTION	PENETRATING ONE FLO MEZZANINE ONLY	OOR LEVEL OR SERVING	PERMITTED	PERM	MITTED	PERMITTED
	EXPOSURES		NGS WITHIN 3050MM N EXTERIOR STAIRWAY	1-HR FRR*	1-HF	R FRR*	1-HR FRR*
	USEABLE SPACE	WITHIN EXIT ENCLOSURE		NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED
	OJLADLL JYACE	UNDER STAIRS IN ACCOR	DANCE WITH NFPA 101	PERMITTED	PERM	NITTED	PERMITTED



1	APPLICATIONS			MERCANTILE (OCCUPANCIES	
	AUTOMOBILES SALES SHOWROOM / COMPUTER ROOMS / RESTAURANTS [<50 SEATING CAPACITY	RS / SUPERMARKETS / CONVENIENCE STORE / R AND ELECTRONIC STORE / DRUGSTORES / AUCTION /] / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR LLING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.			
=	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS
Α	TYPE C - MERCANTILE OCCUPANY	1 STOREY	1 STOREY <28			
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS		>280 M² -	<2800 M² GROSS AREA
C	TYPE A - MERCANTILE OCCUPANY		>3 STOREYS		> 280	00 M² GROSS AREA
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE C	TYI	PE B	ТҮРЕ А
	STAIRWAY IDENTIFICATION	SERVING 3 OR MORE STOREYS	REQUIRED	REQU	JIRED	REQUIRED
	EXIT STAIR PATH MARKINGS	ALL STAIR COMPONENTS	REQUIRED	REQU	JIRED	REQUIRED
	PERIMETER DEMARCATION MARKING	COMPLYING WITH NFPA 101	REQUIRED	REQU	JIRED	REQUIRED
	LOCK, LATCHES & ALARM DEVICES	COMPLYING WITH NFPA 101	PERMITTED	PERMITTED		PERMITTED
	RE-ENTRY PROVISIONS	LOCKED STAIRS EXCEEDING 4 STOREYS	NOT REQUIRED	NOT REQUIRED		REQUIRED
		COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED PERMITTED		PERMITTED
3	RAMPS	AS SECONDARY EXIT FOR ONE (1) BASEMENT LEVEL	PERMITTED			PERMITTED
		BUILDING EQUAL OR MORE THAN 4 STOREYS (G+3) OR ROOFS 12M ABOVE GRADE PLANE	NOT REQUIRED	NOT RE	NOT REQUIRED REQUIRED	
4	ROOF ACCESS	WHERE OPEN STAIR/S ARE PERMITTED AND PROVIDED IN TYPE B AND TYPE C MERCANTILE OCCUPANCY	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED
		ONE AT EACH 9300M ² ROOF AREA OR FLAT ROOFS OR ROOF PITCH <3 IN 12	NOT REQUIRED	NOT RE	QUIRED	REQUIRED
	ROOF ACCESS COMPONENTS	SMOKE VENTS (FIXED WALL OPENING/S) AT THE TOP OF THE STAIRWELL WITH A MINIMUM AREA OF 1.5M ² .	NOT REQUIRED	REQU	JIRED	PERMITTED UP TO 18M HABITABLE HEIGHT
		STAIR ACCESS TO ROOF PROVIDED WITH OPERABLE DOORS	NOT REQUIRED	NOT RE	QUIRED	REQUIRED
5	SMOKE PROOF ENCLOSURES	FRR - FIRE RESISTANCE RATING / FRP - FIRE PROTECTION RATING				
	CTAID ENGLOCUEES	ALL INTERIOR STAIRS SERVING AS AN EXIT COMPONENT	REQUIRED	REQU	JIRED	REQUIRED
	STAIR ENCLOSURES	OPEN STAIR PENETRATING ONE (1) FLOOR/LEVEL ONLY	PERMITTED	PERM	IITTED	PERMITTED



ı	APPLICATIONS			MERCANTILE	OCCUPANCIES		
	AUTOMOBILES SALES SHOWROOM / COMPUTER ROOMS / RESTAURANTS [<50 SEATING CAPACITY]	S / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION J / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR LING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.				
II	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS	
Α	TYPE C - MERCANTILE OCCUPANY	YPE C - MERCANTILE OCCUPANY			<28	0 M² GROSS AREA	
В	TYPE B - MERCANTILE OCCUPANY	/PE B - MERCANTILE OCCUPANY		≤3 STOREYS >280		<2800 M² GROSS AREA	
С	TYPE A - MERCANTILE OCCUPANY		>3 STOREYS		> 280	00 M² GROSS AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	ТҮРЕ С	TY	PE B	TYPE A	
		IN EVERY FIRE LIFT PROVISIONS					
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE	DECLUDED IN EVERY FIRE LITT	DEOLUDED :::	EVERY FIRE LIFE	REQUIRED IN EVERY FIRE LIFT PROVISIONS	
	FIRE FIGHTING LOBBY (F/F LOBBY)	SERVES AS A COMMON LOBBY FOR BOTH FIRE LIFT AND THE ADJACENT EXIT STAIRCASE	REQUIRED IN EVERY FIRE LIFT PROVISIONS	7	EVERY FIRE LIFT VISIONS		
		6M ² MIN. AREA (2.0M LEAST SIDE DIMENSIONS)					
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NR-NOT REQUIRED	NR-NOT REQUIRED		NR-NOT REQUIRED	
		HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	NOT APPLICABLE	NOT APPLICABLE		REQUIRED	
		BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH	REQUIRED ON ALL FLOOR LEVELS	REQUIRED ON A	ALL FLOOR LEVELS	REQUIRED ON ALL FLOOR LEVELS	
	SMOKE-STOP LOBBY (S/S LOBBY)	BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT (ASSEMBLY & HEALTHCARE OCCUPANCY) REGARDLESS OF THE HABITABLE HEIGHT.	NOT APPLICABLE	NOT APPLICABLE		NOT APPLICABLE	
		3M ² MIN. AREA (LEAST SIDE DIMENSION 1.8M)	REQUIRED	REQ	UIRED	REQUIRED	
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT APPLICABLE		MPLIES WITH EXIT	NR - IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS	
	S/S & F/F LOBBY DOORS & WALL ENCLOSURES	1.5-HR FPR** FIRE PROTECTION RATING/ FRR* FIRE RESISTANCE RATING	REQUIRED	REQ	UIRED	REQUIRED	
6	HORIZONTAL EXITS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	NITTED	PERMITTED	
7	EVIT DACCACEMAVC	FIRE RATED ENCLOSURE & SEPARATION COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED	
	EXIT PASSAGEWAYS	MINIMUM WIDTH NOT LESS THAN ¾ OF THE WIDTH OF THE EXIT STAIR	REQUIRED	REQ	UIRED	REQUIRED	
8	ESCALATORS & MOVING WALKS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	



ı	APPLICATIONS			MERCANTILE	OCCUPANCIES	
	AUTOMOBILES SALES SHOWROOM / COMPUT ROOMS / RESTAURANTS [<50 SEATING CAPAC	TERS / SUPERMARKETS / CONVENIENCE STORE / ER AND ELECTRONIC STORE / DRUGSTORES / AUCTION ITY] / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR FILLING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.			
II	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	REMENTS	BUILDING	G AREA REQUIREMENTS
Α	TYPE C - MERCANTILE OCCUPANY		1 STOREY		<28	0 M² GROSS AREA
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS		>280 M ²	- <2800 M² GROSS AREA
С	TYPE A - MERCANTILE OCCUPANY		>3 STOREYS		> 280	00 M² GROSS AREA
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	ТҮРЕ С	TY	PE B	ТҮРЕ А
9	FIRE ESCAPE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED
10	FIRE ESCAPE LADDERS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERN	MITTED	NOT PERMITTED
11	SLIDE ESCAPES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERN	MITTED	PERMITTED
12	ALTERNATING TREAD DEVICES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERN	NITTED	NOT PERMITTED
13	AREAS OF REFUGE	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED
		AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PERMITTED		NOT PERMITTED
14	ELEVATORS	AS SECOND MEANS OF EGRESS FROM A TOWER AND COMPLYING WITH ASME A17.1/CSA B44	NOT APPLICABLE	NOT AP	PLICABLE	PERMITTED
	ELEVATOR DOORS	OPENING INTO EXIT ENCLOSURES	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED
С	CAPACITY OF MEANS OF EGRESS	NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTOR				
		SALES AREA ON STREET FLOOR	2.8M² PER PERSON	2.8M² PE	R PERSON	2.8M² PER PERSON
		SALES AREA ON 2 OR MORE STREET FLOORS	3.7M² PER PERSON	3.7M² PE	R PERSON	3.7M² PER PERSON
		SALES AREA ON FLOOR BELOW STREET FLOOR	2.8M² PER PERSON	2.8M² PE	R PERSON	2.8M² PER PERSON
1	OCCUPANT LOAD	SALES AREA ON FLOORS ABOVE STREET FLOORS	5.6M² PER PERSON	5.6M ² PE	ER PERSON	5.6M ² PER PERSON
		FLOORS OR PORTIONS OF FLOORS USED ONLY FOR STORAGE, RECEIVING AND SHIPPING AND NOT OPEN TO GENERAL PUBLIC)	27.9M² PER PERSON	27.9M² P	ER PERSON	27.9M² PER PERSON
	EGRESS CAPACITY	NFPA 101 TABLE 7.3.3.1 CAPACITY FACTORS	REQUIRED	REQ	UIRED	REQUIRED
2	STREET FLOOR EXITS	SIZE: STREET FLOOR PLUS THE REQ'D CAPACITY OF ALL STAIRS & RAMPS DISCHARGING ONTO THE STREET FLOOR	REQUIRED	REQ	UIRED	REQUIRED
		WIDTH ≥ REQUIRED WIDTH OF EXIT	REQUIRED	REQ	UIRED	REQUIRED
	AISLES (LEADING DIRECTLY TO EXIT)	CLEAR WIDTH 915MM	REQUIRED	REQ	UIRED	REQUIRED
		NOT LESS THAN 1 WITH 1525MM WIDTH	REQUIRED	REQ	UIRED	REQUIRED
	CARTS & BUGGIES	ADEQUATE PROVISION FOR TRANSIT & PARKING	REQUIRED	REQ	UIRED	REQUIRED



ı	APPLICATIONS				MERCANTILE (OCCUPANCIES		
	AUTOMOBILES SALES SHOWROOM / COMPUTER ROOMS / RESTAURANTS [<50 SEATING CAPACITY]	S / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR LING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.					
Ш	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIREMENTS BUILDII			BUILDING	G AREA REQUIREN	ΛENTS
Α	TYPE C - MERCANTILE OCCUPANY			1 STOREY		<28	0 M² GROSS ARE	4
В	TYPE B - MERCANTILE OCCUPANY			≤3 STOREYS		>280 M²	- <2800 M² GROS	S AREA
С	TYPE A - MERCANTILE OCCUPANY			>3 STOREYS		> 280	00 M² GROSS ARE	A
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYF	PE C	TY	PE B	TYI	PE A
D	NUMBER OF EXITS							
1	SINGLE EXIT	IN MEZZANINES WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERM	ITTED	PERM	PERMITTED		IITTED
1	SINGLE EXIT	IN ANY SECTION WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERM	ITTED	ED NOT PERMI		NOT PERMITTED	
		50 - 500 OCCUPANTS	REQUIRED		REQ	UIRED	REQUIRED	
2	NOT LESS THAN 2 SEPARATE EXITS	ON EVERY STORY AND ACCESSIBLE FROM EVERY PART OF EVERY STORY	REQU	REQUIRED REQUIF		UIRED	REQUIRED	
3	NOT LESS THAN 3 SEPARATE EXITS	EQUAL OR MORE THAN 500 OCCUPANTS	REQUIRED		REQUIRED		REQU	JIRED
4	NOT LESS THAN 4 SEPARATE EXITS	EQUAL OR MORE THAN 1000 OCCUPANTS	REQU	JIRED	REQUIRED		REQUIRED	
E	ARRANGEMENT OF EXITS	(NS*-NOT SPRINKLERED / S**-SPRINKLERED)	NS*	S**	NS*/S**	NS*/S**	NS*	S**
1	TRAVEL DISTANCE	NFPA 101 TABLE A.7.6	23M	30M	46M	76M	46M	76M
2	COMMON PATH LIMIT	NFPA 101 TABLE A.7.6	23M	30M	23M	30M	23M	30M
3	DEAD-END CORRIDOR	NFPA 101 TABLE A.7.6	6.1M	15M	6.1M	15M	6.1M	15M
4	EXIT DISCHARGE							
	EXTERIOR DISCHARGE	COMPLYING WITH NFPA 101	REQU	JIRED	REQ	UIRED	REQU	JIRED
		MAXIMUM 10M TRAVEL DISTANCE TO BUILDING EXTERNAL	PERM	ITTED	PERM	IITTED	PERM	IITTED
	THROUGH AREAS ON LEVEL OF EXIT DISCHARGE	50% OF THE REQUIRED NUMBER OF EXITS & 50% OF THE REQUIRED EXIT CAPACITY (SPRINKLER PRTOECTED)	PERMITTED		PERMITTED		PERMITTED	
5	EXTERIOR WAYS OF EXIT	COMPLYING WITH NFPA 101	PERM	ITTED	PERM	IITTED	PERM	IITTED
6	ACCESSIBLE MEANS OF EGRESS	EXIT PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT	REQU	JIRED	REQ	JIRED	REQUIRED	
		NOT LESS THAN 2 EXITS						



I	APPLICATIONS				MERCANTILE (OCCUPANCIES		
	AUTOMOBILES SALES SHOWROOM / ROOMS / RESTAURANTS [<50 SEATING	COMPUTER A	S / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR ING STATIONS, ROADSIDE STANDS)	AN ACCIDANCY LIGHT EAD THE DIGDLAY AND CALL OF MEDCHANING				
П	OCCUPANCY CLASSIFICATION			BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS	
Α	TYPE C - MERCANTILE OCCUPANY			1 STOREY		<280	O M² GROSS AREA	
В	TYPE B - MERCANTILE OCCUPANY			≤3 STOREYS		>280 M² -	<2800 M² GROSS AREA	
С	TYPE A - MERCANTILE OCCUPANY			>3 STOREYS		> 280	00 M² GROSS AREA	
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	ТҮРЕ С	TY	PE B	TYPE A	
7	ILLUMINATION OF MEANS OF EGRESS		COMPLYING WITH CHAPTER 7 NFPA 101	NOT REQUIRED	REQ	UIRED	REQUIRED	
			THE BUILDING IS 3 OR MORE STORIES IN HEIGHT	NOT REQUIRED	REQ	UIRED	REQUIRED	
8	EMERGENCY LIGHTING		OCCUPANCY SUBJECT TO 50 OR MORE OCCUPANTS ABOVE OR BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQUIRED		REQUIRED	
8	EMERGENCY LIGHTING (CONTINUED)		OCCUPANCY SUBJECT TO 300 OR MORE TOTAL OCCUPANTS	REQUIRED	REQUIRED		REQUIRED	
9	MARKINGS OF MEANS OF EGRESS		COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED	
F	SPECIAL MEANS OF EGRESS PROVISION	IS						
1	FIREMEN ACCESS PANELS		HABITABLE HEIGHT EXCEEDING 10M	NOT REQUIRED	•	≥10M HABITABLE GHT	REQUIRED	
2	REFUGE FLOORS		BUILDING EXCEEDING 30 STORIES	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	
3	ELEVATORS FOR OCCUPANT CO EVACUATION PRIOR TO PHASE I E RECALL OPERATIONS	ONTROLLED MERGENCY	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	1ITTED	PERMITTED	
٧	INTERIOR FINISH CONTENTS AND FURN	IISHING						
Α	INTERIOR FINISH		COMPLYING WITH CHAPTER 10 OF NFPA 101					
1	INTERIOR WALL & CEILING FINISHES		CLASS A OR CLASS B IN EXITS & EXIT ACCESS CORRIDORS	REQUIRED	REQ	UIRED	REQUIRED	
2	INTERIOR FLOOR FINISHES		CLASS II IN EXIT ENCLOSURE	REQUIRED	REQ	UIRED	REQUIRED	
VI	FEATURES OF FIRE PROTECTION (NFPA 5000 TABLES 7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)							
Α	CONSTRUCTION		COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000					
	CONSTRUCTION		EXTERIOR BEARING WALLS	HOURLY RATINGS REQUIRED	HOURLY RATING	S REQUIRED PER	HOURLY RATINGS REQUIRED	
1	(NON-COMBUSTIBLE OR LIMITED	TYPE I OR TYPE II	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	PER TYPE OF CONSTRUCTION		RUCTION BASED	PER TYPE OF CONSTRUCTION	
	COMBUSTIBLE MATERIALS)		FLOOR CONSTRUCTION	BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS		HEIGHT & AREA REMENTS	BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS	



1	APPLICATIONS			MERCANTILE (OCCUPANCIES			
	AUTOMOBILES SALES SHOWROOM / COMPUTER ROOMS / RESTAURANTS [<50 SEATING CAPACITY	RS / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION] / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR LING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.					
II	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	REMENTS	BUILDING	G AREA REQUIREMENTS		
Α	TYPE C - MERCANTILE OCCUPANY		1 STOREY		<28	0 M² GROSS AREA		
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS		>280 M ²	<2800 M² GROSS AREA		
C	TYPE A - MERCANTILE OCCUPANY	>3 STOREYS		> 280	00 M² GROSS AREA			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	ТҮРЕ С	TY	PE B	ТҮРЕ А		
В	COMPARTMENTATION / SUBDIVISION OF BUILDING SPACES	COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQ	UIRED	REQUIRED		
1	FIRE BARRIES	COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQ	UIRED	REQUIRED		
	TENANT SPACES	SPRINKLER PROTECTED OR NON-SPRINKLER PROTECTED	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED		
	CTODACE ADEAC	SPRINKLER PROTECTED	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
	STORAGE AREAS	NON-SPRINKLER PROTECTED	1-HR FRR*	1-HR FRR*		1-HR FRR*		
2	SEPARATION FROM OTHER OCCUPANCIES	COMPLYING WITH NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQUIRED		REQUIRED		
	MERCANTILE (BULK AND MALLS)	SPRINKLER PROTECTED	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
	MERCANTILE (BOLK AND MALLS)	NON-SPRINKLER PROTECTED	2-HRS FRR*	2-HR	S FRR*	2-HRS FRR*		
	STORAGE (LOW/ORDINARY & HIGH HAZARD)	SPRINKLER PROTECTED	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
	STORAGE (LOW/ORDINART & HIGH HAZARD)	NON-SPRINKLER PROTECTED	2-HRS FRR*	2-HR	S FRR*	2-HRS FRR*		
3	CORRIDORS RATED SEPARATION	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED		
	REQUIRED SEPARATION	SPRINKLER PROTECTED	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
	REQUIRED SEPARATION	NON-SPRINKLER PROTECTED	1-HR FRR*	1-HR	FRR*	1-HR FRR*		
4	SMOKE PARTITIONS	COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
5	SMOKE BARRIERS	COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
С	VERTICAL OPENINGS PROTECTION	PROTECTION COMPLYING WITH NFPA CODES	REQUIRED	REQ	UIRED	REQUIRED		
1	COMMUNICATING SPACES	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED		
2	ATRIUMS	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	IITTED	PERMITTED		
3	CONVENIENCE OPENINGS	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED		
4	SHAFTS	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	MITTED	PERMITTED		
5	MEZZANINES	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERM	NITTED	PERMITTED		
6	CONCEALED SPACES & DRAFSTOPS	COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED		



ı	APPLICATIONS			MERCANTILE OCCUPANCIES				
	AUTOMOBILES SALES SHOWROOM / COMPUTE ROOMS / RESTAURANTS [<50 SEATING CAPACIT	ERS / SUPERMARKETS / CONVENIENCE STORE / R AND ELECTRONIC STORE / DRUGSTORES / AUCTION Y] / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR LLING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.					
1	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	EMENTS BUILD	BUILDING AREA REQUIREMENTS			
Α	TYPE C - MERCANTILE OCCUPANY		1 STOREY	1 STOREY <				
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS	/I ² - <2800 M ² GROSS AREA				
C	TYPE A - MERCANTILE OCCUPANY		>3 STOREYS	>	2800 M² GROSS AREA			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	ТҮРЕ С	ТҮРЕ В	ТҮРЕ А			
	EXTERIOR & INTERIOR WALL & PARTITION	FIRESTOPPED AT EACH FLOOR LEVEL, TOP STORY CEILING LEVEL & AT THE LEVEL OF SUPPORT FOR ROOFS	REQUIRED	REQUIRED	REQUIRED			
	UNOCCUPIED ATTIC SPACES	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQUIRED	REQUIRED			
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²	REQUIRED	REQUIRED	REQUIRED			
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQUIRED	REQUIRED			
VII	FIRE PROTECTION							
Α	DETECTION ALARM AND COMMUNICATION SYST	EMS						
		BUILDING IS THREE (3) OR MORE STORIES IN HEIGHT	REQUIRED	REQUIRED	REQUIRED			
1	FIRE ALARM SYSTEM	OCCUPANCY IS SUBJECT TO 50 OR MORE OCCUPANTS ABOVE OR BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQUIRED	REQUIRED			
		OCCUPANCY IS SUBJECT TO 300 OR MORE TOTAL OCCUPANTS	REQUIRED	REQUIRED	REQUIRED			
В	EXTINGUISHING REQUIREMENTS	COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	REQUIRED	REQUIRED	REQUIRED			
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED	REQUIRED	REQUIRED			
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQUIRED	REQUIRED	REQUIRED			
3	STANDPIPE SYSTEM	BUILDING EXCEEDING 9M IN HEIGHT	NOT REQUIRED	REQUIRED	REQUIRED			
4	FIRE HOSE REELS	25MM DIAMETER HOSE	NOT REQUIRED	REQUIRED	REQUIRED			
		>3 STOREYS OR 1115M ² GROSS AREA	NOT APPLICABLE	REQUIRED	REQUIRED			
		232M ² BASEMENT USED FOR SALE & STORAGE	REQUIRED	REQUIRED	REQUIRED			
5	AUTOMATIC SPRINKLER SYSTEM	MIXED OCCUPANCIES	REQUIRED	REQUIRED	REQUIRED			
		PROVIDED IN LIEU OF THE REQUIRED DRAFSTOPS IN CONCEALED SPACES	NOT REQUIRED	NOT REQUIRED	PERMITTED			



- 1	APPLICATIONS			MERCANTILE C	CCUPANCIES					
	AUTOMOBILES SALES SHOWROOM / COMPUTER ROOMS / RESTAURANTS [<50 SEATING CAPACITY]	S / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR LING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY	USED FOR THE DISI	PLAY AND SALE OF N	MERCHANDISE.				
II	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	EMENTS	BUILDING	BUILDING AREA REQUIREMENTS				
Α	TYPE C - MERCANTILE OCCUPANY		1 STOREY		<280	0 M² GROSS AREA				
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS >280			<2800 M² GROSS AREA				
C	TYPE A - MERCANTILE OCCUPANY	ERCANTILE OCCUPANY			> 280	00 M² GROSS AREA				
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	ТҮРЕ С	ТҮРЕ В		ТҮРЕ А				
6	OTHER EXTINGUISHING EQUIPMENT	COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED				
VIII	BUILDING SERVICES PROTECTION (ASS* AUTOMATI	C SUPPRESSION SYSTEM)								
Α	BUILDING UTILITIES	COMPLYING WITH CHAPTER 9 NFPA 101								
1	GAS EQUIPMENT & RELATED PIPING	PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED	REQUIRED		REQUIRED		REQUIRED		REQUIRED
2	ELECTRICAL SYSTEMS	COMPLYING WITH NFPA 70	REQUIRED	REQUIRED		REQUIRED				
	ELECTRICAL EQUIPMENT ROOMS	AUTOMATIC SUPPRESSION SYSTEM or 2-HRS ENCLOSURE	REQUIRED	REQUIRED		REQUIRED				
		ATTACHED TO OCCUPIED BUILDINGS REQUIRED PROTECTION	3-HRS FRR* or ASS*	3-HRS FRR* or ASS*		3-HRS FRR* or ASS*				
	SUBSTATIONS & SWITCHGEARS	STANDALONE TRANSFORMER VAULT REQUIRED PROTECTION	3-HRS FRR* or 2-HRS with ASS	3-HRS FRR* or	2-HRS with ASS	3-HRS FRR* or 2-HRS with ASS				
		EXPLOSION PROTECTION	ASS* & 2-HRS FRR* ENCLOSURE	ASS* & 2-HRS FF	RR* ENCLOSURE	ASS* & 2-HRS FRR* ENCLOSURE				
3	COMMERCIAL COOKING EQUIPMENT	COMPLYING WITH NFPA 96	REQUIRED	REQU	JIRED	REQUIRED				
	KITCHEN/PANTRY	ENCLOSURE FRR*	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED				
	COOKING EQUIPMENT	EQUIPMENT USED ONLY FOR FOOD WARMING	PERMITTED	PERM	ITTED	PERMITTED				
4	ELEVATORS, ESCALATORS & CONVEYORS	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQU	JIRED	REQUIRED				
	FIRE FIGHTERS' EMERGENCY OPERATION	COMPLYING WITH CHAPTER 9 NFPA 101	NOT REQUIRED	NOT RE	QUIRED	REQUIRED				
В	RUBBISH CHUTE, INCINERATORS & LAUNDRY CHUTES	COMPLYING WITH NFPA 82	REQUIRED	REQL	JIRED	REQUIRED				
	ENGLOSURES	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FRR*	1-HR	FRR*	1-HR FRR*				
	ENCLOSURES	TRAVERSES MORE THAN 3 STOREYS	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*				
	ODENING PROTECTIVE	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FPR**	1-HR	FPR**	1-HR FPR**				
	OPENING PROTECTIVE	TRAVERSES MORE THAN 3 STOREYS	1.5-HR FPR**	1.5-HR	FPR**	1.5-HR FPR**				



ı	APPLICATIONS			MERCANTILE (OCCUPANCIES		
	AUTOMOBILES SALES SHOWROOM / COMPUTER A ROOMS / RESTAURANTS [<50 SEATING CAPACITY]	S / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR ING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.				
II	OCCUPANCY CLASSIFICATION		BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS	
Α	TYPE C - MERCANTILE OCCUPANY		1 STOREY	1 STOREY <2			
В	TYPE B - MERCANTILE OCCUPANY		≤3 STOREYS	≤3 STOREYS >280 M²			
C	TYPE A - MERCANTILE OCCUPANY		>3 STOREYS		> 280	00 M² GROSS AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE C	TY	PE B	ТҮРЕ А	
С	EMERGENCY POWER SUPPLY SYSTEM	COMPLYING WITH NFPA 110	NOT REQUIRED	REQI	JIRED	REQUIRED	
1	GENERATORS	ENCLOSURE	1-HR FRR*	1-HO	JR FRP	1-HOUR FRP	
D	FIRE PUMP ROOM	COMPLYING WITH NFPA 20	REQUIRED	REQI	JIRED	REQUIRED	
		MORE THAN 15.3 M FROM ANY BUILDING	1-HR FRR*	1-HR	FRR*	1-HR FRR*	
1	ENCLOSURES	WITHIN 15.3M OR ATTACHED TO BUILDINGS	2-HRS FRR*	2-HR	S FRR*	2-HRS FRR*	
	ENCLOSORES	THROUGHOUT SPRINKLER (BUILDING/S & PUMP ROOM)	1-HR FRR*	1-HR FRR*		1-HR FRR*	
		EXTERNAL ACCESS WITHIN THE LEVEL OF DISCHARGE	REQUIRED	REQ	UIRED	REQUIRED	
2	DIRECT SAFE ACCESS	WITHIN THREE (3) M FROM ANY EXIT THAT COMPLIES WITH DIRECT DISCHARGE REQUIREMENTS	PERMITTED	PERM	IITTED	PERMITTED	
3	ACCESS COMPONENT (UNDERGOUND LOCATION)	STANDARD STAIR (OF ANY NON-COMBUSTIBLE OR LIMITED COMBUSTIBLE MATERIALS)	REQUIRED	REQ	UIRED	REQUIRED	
		CAT STEEL LADDER	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	
E	FIRE WATER TANKS	COMPLYING WITH NFPA 22	REQUIRED	REQI	JIRED	REQUIRED	
		NON-COMBUSTIBLE MATERIAL	REQUIRED	REQI	JIRED	REQUIRED	
1	WATER TANK MATERIALS	GRP TANKS (PROTECTED WITHIN 1-HR FIRE RATED ENCLOSURE)	PERMITTED	PERM	IITTED	PERMITTED	
2	DESIGN/COMPARTMENTATION	TWO (2) COMPARTMENTS	REQUIRED	REQ	JIRED	REQUIRED	
F	SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 92 & NFPA 204	NOT REQUIRED	REQI	JIRED	REQUIRED	
1	VENTILATION BY ANY OF THE FOLLOWING: 1.1. NATURAL VENTILATION;	EXIT STAIRCASES CONNECTS MORE THAN FIVE (5) STOREYS (LEVELS) INCLUDING THE BASEMENTS	REQUIRED	REQI	UIRED	REQUIRED	
	1.2. MECHANICAL VENTILATION BY POSITIVE VENTILATION (PRESSURIZATION) SYSTEM	AND/OR WHEN SMOKE STOP &/OR FIRE FIGHTING LOBBIES ARE REQUIRED	REQUIRED	REQI	JIRED	REQUIRED	



BUILDING PLAN - FIRE SAFETY GUIDE

I	APPLICATIONS			MERCANTILE	OCCUPANCIES		
	AUTOMOBILES SALES SHOWROOM / COMPUTER A ROOMS / RESTAURANTS [<50 SEATING CAPACITY]	S / SUPERMARKETS / CONVENIENCE STORE / AND ELECTRONIC STORE / DRUGSTORES / AUCTION / OPEN AIR MERCANTILE OCCUPANCIES (OPEN-AIR ING STATIONS, ROADSIDE STANDS)	AN OCCUPANCY USED FOR THE DISPLAY AND SALE OF MERCHANDISE.				
II	OCCUPANCY CLASSIFICATION	BUILDING HEIGHT REQUIR	EMENTS	BUILDING	G AREA REQUIREMENTS		
Α	TYPE C - MERCANTILE OCCUPANY	1 STOREY		<28	O M² GROSS AREA		
В	TYPE B - MERCANTILE OCCUPANY	≤3 STOREYS		>280 M ² - <2800 M ² GROSS AREA			
С	TYPE A - MERCANTILE OCCUPANY		>3 STOREYS	>3 STOREYS		00 M² GROSS AREA	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	ТҮРЕ С	TY	PE B	TYPE A	
2	VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING:	BASEMENT LEVEL/S WITH FLOOR AREA (FA) EXCEEDING 500 SQ.M.	REQUIRED	REC	UIRED	REQUIRED	
	1.1 NATURAL VENTILATION; 1.2 MECHANICAL VENTILATION & SMOKE CONTROL SYSTEM	VERTICAL OPENINGS, ATRIUMS & OTHER LARGE VOLUME OF SPACES	REQUIRED	REQUIRED		REQUIRED	
G	AIR-CONDITIONING & VENTILATION SYSTEM	COMPLYING WITH NFPA 90A & NFPA 90B AND OTHER RELEVANT, APPLICABLE NFPA CODES & STANDARDS	REQUIRED	REC	UIRED	REQUIRED	

Note:

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

^{*}This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

^{**}Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

^{*}FPR*-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

^{*}NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

EDUCATIONAL OCCUPANCIES

ı	APPLICATIONS			EDUCATIONAL OCCU	IPANCIES - SCHOOLS				
	KINDERGARTE	ENS / SCHOOLS	OCCUPANCY USED FOR EDUCATIONAL PURPOSES THROUGH THE TWELFTH GRADE BY SIX OR MORE PERSONS FOR 4 OR MORE HOURS PER ADY OR MORE THAN 12 HOURS PER WEEK.						
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	T REQUIREMENTS	BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)				
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OOR (GF) ONLY	AS PER OLF 1.9	M²/PERSON NET			
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9-11 YO)	AS PER OLF 1.9	M²/PERSON NET			
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	PREYS MAX.)	AS PER OLF 1.9	M²/PERSON NET			
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STOREYS MAX.)		AS PER OLF 1.9	M²/PERSON NET			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN PREPARATORY		PRIMARY	SECONDARY			
III	BUILDING AND SITE ACCESS FOR FIRE FIGHTING & F	RESCUE							
	CITE ACCESS	4.0M MINIMUM CLEAR WIDTH	DECLURED	DECLURED	DECLURED	DECLURED			
Α	SITE ACCESS	4.5M MINIMUM CLEAR HEIGHT	REQUIRED	REQUIRED	REQUIRED	REQUIRED			
		4.0M MIN. WIDTH AND 24 TON LOAD CAPACITY							
В	ACCESS ROAD	WITHIN A TRAVEL DISTANCE OF 45M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BUILDING.	REQUIRED	REQUIRED	REQUIRED	REQUIRED			
		LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING							
С	FIRE ENGINE HARDSTANDING	6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED	REQUIRED WHEN BUILDING HABITABLE HEIGHT EXCEEDS 10M			
		POSITIONED NOT LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING, MEASURED HORIZONTALLY.							
		WITH PROVISIONS OF AN EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM							
		9M ² MINIMUM AREA (LEAST DIMENSION 2.5M)							
D	FIRE COMMAND CENTER	AT LEAST WITH 1M CLEARANCE FROM ALL EQUIPMENT	REQUIRED	REQUIRED	REQUIRED	REQUIRED			
		2-HOURS ENCLOSURES (WALLS & OPENINGS)							
		PROVIDED WITH PROMINENTLY MARKED EXTERIOR ENTRANCES							



ı	APPLICATIONS			EDUCA	TIONAL OCCU	JPANCIES - SCHOOLS		
	KINDERGART	ENS / SCHOOLS				THROUGH THE TWELFTH G DY OR MORE THAN 12 HOU		
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	T REQUIREME	NTS	BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)		
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OR (GF) ONLY	•	AS PER OLF 1.9 M ² /PERSON NET		
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9	-11 YO)	AS PER OLF 1.9	M²/PERSON NET	
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPAR	RATORY	PRIMARY	SECONDARY	
		BUILDINGS EQUAL OR MORE THAN 28M HIGH ABOVE ENGINE ACCESS LEVEL.	NOT APPLICABLE	NOT APP	PLICABLE	NOT APPLICABLE	NOT APPLICABLE	
		EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQU	QUIRED REQUIRED		REQUIRED	
		SERVES ALL HABITABLE FLOORS		ACCESS RE LIFT DNS FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS XCEEDS BUILDINGS EXCEEDS HE LEVEL 9.0M BELOW THE LEVEL				
	FIRE LIFT	CONTAINED WITHIN A DEDICATED PROTECTED SHAFT	REQUIRED IN EVERY FIRE SERVICE ACCESS			REQUIRED IN EVERY FIRE SERVICE ACCESS	REQUIRED IN EVERY FIRE SERVICE ACCESS	
		APPROACHED BY FIRE FIGHTING LOBBY AT EACH STOREY	ELEVATOR/FIRE LIFT PROVISIONS			ELEVATOR/FIRE LIFT PROVISIONS	ELEVATOR/FIRE LIFT PROVISIONS	
E		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE						
		FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.12	BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE			BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	
		AMBULANCE STRETCHER ACCOMMODATION ELEVATOR/LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.3	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED	NOT REQUIRED	
		WHEN REQUIRED, AT LEAST ONE (1) FIRE LIFT FOR EVERY 900 SQM. FLOOR AREA	REQUIRED IN EVERY FIRE LIFT PROVISIONS	REQUIRED FIRE LIFT P		REQUIRED IN EVERY FIRE LIFT PROVISIONS	REQUIRED IN EVERY FIRE LIFT PROVISIONS	
IV	MEANS OF EGRESS							
Α	MEANS OF EGRESS GENERAL REQUIREMENTS							
1	SEPARATION OF MEANS OF EGRESS							
	EXIT ACCESS CORRIDORS	SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30	1-HR FRR*	1-HR	FRR*	1-HR FRR*	1-HR FRR*	
	EXITS ENCLOSURE	CONNECTS 3 OR FEWER STORIES	NA-NOT APPLICABLE	NA	1-HR FRR*	1-HR FRR*	1-HR FRR*	



ı	APPLICATIONS			EDUCATIONAL OCCU	JPANCIES - SCHOOLS			
	KINDERGARTI	ENS / SCHOOLS		R EDUCATIONAL PURPOSES R 4 OR MORE HOURS PER AI				
Ш	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	T REQUIREMENTS	· ·	OCCUPANT LOAD FACTOR LF)		
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OOR (GF) ONLY	AS PER OLF 1.9 M ² /PERSON NET			
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9-11 YO)	AS PER OLF 1.9	M ² /PERSON NET		
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	REYS MAX.)	AS PER OLF 1.9	M²/PERSON NET		
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)	AS PER OLF 1.9	M²/PERSON NET		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPARATORY	PRIMARY	SECONDARY		
	OPENING PROTECTIVE	FIRE DOOR ASSEMBLIES EQUIPPED WITH DOOR CLOSERS	REQUIRED	REQUIRED	REQUIRED	REQUIRED		
	CONSTRUCTION	LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQUIRED	REQUIRED	REQUIRED		
	OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	PERMITTED	REQUIRED		
2	EXITS HEADROOM (STAIRS)	NOT LESS THAN 2285MM	REQUIRED	REQUIRED	REQUIRED	REQUIRED		
3	WALKING SURFACES IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED	REQUIRED		
4	CHANGES IN LEVEL IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED	REQUIRED		
5	GUARDS	PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQUIRED	REQUIRED	REQUIRED		
6	IMPEDIMENT TO EGRESS		NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED		
7	MEANS OF EGRESS RELIABILITY	CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTION OR IMPEDIMENTS	REQUIRED	REQUIRED	REQUIRED	REQUIRED		
8	FURNISHING AND DECORATION IN A MEANS OF EGRESS	FURNITURES OR MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED		
		STORED IN NON-SPRINKLER PROTECTED CORRIDORS	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED		
		STORED IN SPRINKLER PROTECTED CORRIDORS						
	CLOTHING & PERSONAL EFFECTS	IN CORRIDORS PROVIDED WITH SMOKE DETECTION	PERMITTED	PERMITTED	PERMITTED	PERMITTED		
		STORAGE IN METAL LOCKERS ALONG CORRIDORS	PERMITTED PROVIDED REQUIRED EGRESS MAINTAINED	PERMITTED PROVIDED REQUIRED EGRESS MAINTAINED	PERMITTED PROVIDED REQUIRED EGRESS MAINTAINED	PERMITTED PROVIDED REQUIRED EGRESS MAINTAINED		



ı	APPLICATIONS			EDUCA	ATIONAL OCCU	IPANCIES - SCHOOLS			
	KINDERGARTE	NS / SCHOOLS				THROUGH THE TWELFTH GI DY OR MORE THAN 12 HOUF			
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	T REQUIREME	NTS	BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)			
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OR (GF) ONLY	1	AS PER OLF 1.9 M ² /PERSON NET			
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9	-11 YO)	AS PER OLF 1.9	M ² /PERSON NET		
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STOREYS MAX.)			AS PER OLF 1.9 I	M²/PERSON NET		
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STOREYS MAX.)			AS PER OLF 1.9 I	M ² /PERSON NET		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPAI	RATORY	PRIMARY	SECONDARY		
	ART WORK & TEACHING MATERIALS	SPRINKLER PROTECTED	NOT MORE THAN 50% 0F THE WALL AREA		THAN 50% ALL AREA	NOT MORE THAN 50% 0F THE WALL AREA	NOT MORE THAN 50% 0F THE WALL AREA		
	ART WORK & TEACHING MATERIALS	NOT SPRINKLER PROTECTED	NOT MORE THAN 20% 0F THE WALL AREA		THAN 20% ALL AREA	NOT MORE THAN 20% 0F THE WALL AREA	NOT MORE THAN 20% OF THE WALL AREA		
В	MEANS OF EGRESS COMPONENTS	FPR** FIRE PROTECTION RATING							
1	FIRE DOORS	COMPLYING WITH CHAPTER 7 NFPA 101							
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	REQUIRED 810MM NOT PERMITTED		,		REQUIRED	REQUIRED
	SIDE-HINGE ON FIVOTED-SWINGING TIFE	MINIMUM DOOR LEAF WIDTH	810MM (32IN.)						810MM (32IN.) NOT PERMITTED
	HORIZONTAL SLIDING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED						
	VERTICAL ROLLING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED			NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	
	REVOLVING DOORS/POWERED DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NOTPERIVITIED	NOTFL	AIVIII I LD	NOTPERMITTED	NOT PERIMITTED		
	SELF-CLOSING DEVICES	IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED		
2	STAIRS								
		FEWER THAN 50 PERSON (CLEAR WIDTH)	915MM	915	MM	915MM	915MM		
	STANDARD STAIRS	< 2000 PERSON (CLEAR WIDTH)	1120MM	1120	MM	1120MM	1120MM		
		≥ 2000 PERSON (CLEAR WIDTH)	1420MM	1420	MM	1420MM	1420MM		
	SPIRAL STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101		N/A-NOT	NOT				
	CURVE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT APPLICABLE	APPLICAB	PERMITTE	NOT PERMITTED	NOT PERMITTED		
	WINDERS	COMPLYING WITH CHAPTER 7 NFPA 101		LE D					
	GUARDS AND HANDRAILS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED		
	ENCLOSURE AND PROTECTION OF EXIT STAIRS								
	ENCLOSURES	ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT	N/A-NOT APPLICABLE	N/A	R	R-REQUIRED	R-REQUIRED		



1	APPLICATIONS				EDUCA	ATIONAL OCCU	JPANCIES - SCHOOLS		
	KINDERGARTE	NS / SCHOOLS					THROUGH THE TWELFTH GI DY OR MORE THAN 12 HOUF		
Ш	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIREMENTS			BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)		
Α	KINDERGARTEN	KINDERGARTEN OF AGES	S 4-5 YEARS OLD	GROUND FLO	OR (GF) ONLY	1	AS PER OLF 1.9 M ² /PERSON NET		
В	PRIMARY	PRIMARY STUDENTS OF	AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9)-11 YO)	AS PER OLF 1.9	M²/PERSON NET	
С	PREPARATORY	PREPARATORY STUDENT	TS OF AGES 12-15 YEARS	G+1 (2 STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
D	SECONDARY	SECONDARY STUDENTS	OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
	FIRE SAFETY PROVISIONS	MINIMUM R	EQUIREMENTS	KINDERGARTEN	PREPARATORY		PRIMARY	SECONDARY	
	THE OCUPE.	I STOREYS I		N/A	1-HR FPR**	1-HR FPR**	1-HR FPR**		
	ENCLOSURES	ENCLOSURES FRR*	≤3 STOREYS / ≥3 STOREYS	N/A-NOT APPLICABLE	N/A	1-HR FRR*	1-HR FRR*	1-HR FRR*	
	ENCLOSURE EXEMPTION	PENETRATING ONE FLOOR LEVEL OR SERVING MEZZANINE ONLY		N/A-NOT APPLICABLE	N/A	NP	NP-NOT PERMITTED	NP-NOT PERMITTED	
	EXPOSURES	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE		N/A-NOT APPLICABLE	N/A	1-HR FRR*	1-HR FRR*	1-HR FRR*	
	LICEARIE CRACE	WITHIN EXIT ENCLOSUR	E	N/A-NOT APPLICABLE	N/A	NP	NP-NOT PERMITTED	NP-NOT PERMITTED	
	USEABLE SPACE	UNDER STAIRS IN ACCOR	RDANCE WITH NFPA 101	N/A-NOT APPLICABLE	N/A	P	P-PERMITTED	P-PERMITTED	
	STAIRWAY IDENTIFICATION	SERVING 3 OR MORE ST	OREYS	N/A-NOT APPLICABLE	N/A-NOT A	APPLICABLE	N/A-NOT APPLICABLE	REQUIRED	
	EXIT STAIR PATH MARKINGS	ALL STAIR COMPONENTS	5	N/A-NOT APPLICABLE	N/A	R	R-REQUIRED	RREQUIRED	
	PERIMETER DEMARCATION MARKING	COMPLYING WITH NFPA	101	N/A-NOT APPLICABLE	N/A	N	K-KEQUIKED	KKEQUIKED	
	LOCK, LATCHES & ALARM DEVICES	COMPLYING WITH NFPA	101	N/A-NOT APPLICABLE	N/A	P	P-PERMITTED	P-PERMITTED	
	RE-ENTRY PROVISIONS	LOCKED STAIRS EXCEEDI	NG 4 STOREYS	N/A NOT APPLICABLE	N/A NOT A	APPLICABLE	N/A NOT APPLICABLE	N/A NOT APPLICABLE	
		COMPLYING WITH CHAP	TER 7 NFPA 101	REQUIRED	REQU	JIRED	R-REQUIRED	REQUIRED	
3	RAMPS	AS SECONDARY EXIT FOR LEVEL ONLY	R ONE (1) BASEMENT	NOT APPLICABLE	NOT AP	PLICABLE	NOT PERMITTED	NOT PERMITTED	
		BUILDING EQUAL OR (G+3) OR ROOFS 12M AE	MORE THAN 4 STOREYS BOVE GRADE PLANE						
4	ROOF ACCESS	WHERE OPEN STAIR/S PROVIDED	ARE PERMITTED AND	N/A NOT APPLICABLE	N/A NOT A	APPLICABLE	NOT REQUIRED	REQUIRED	
		ONE AT EACH 9300M ROOFS OR ROOF PITCH <	² ROOF AREA OR FLAT <3 IN 12						



ı	APPLICATIONS			EDUCA	ATIONAL OCCU	JPANCIES - SCHOOLS		
	KINDERGARTE	ENS / SCHOOLS				THROUGH THE TWELFTH G DY OR MORE THAN 12 HOUR		
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	T REQUIREME	NTS		OCCUPANT LOAD FACTOR LF)	
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OR (GF) ONLY	<u>'</u>	AS PER OLF 1.9	M²/PERSON NET	
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9	-11 YO)	AS PER OLF 1.9	M²/PERSON NET	
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPAI	RATORY	PRIMARY	SECONDARY	
	ROOF ACCESS COMPONENTS	SMOKE VENTS (FIXED WALL OPENING/S) AT THE TOP OF THE STAIRWELL WITH A MINIMUM AREA OF 1.5M ² .	N/A NOT APPLICABLE	N/A NOT APPLICABLE		NOT REQUIRED	REQUIRED	
		STAIR ACCESS TO ROOF WITH OPERABLE DOORS						
5	SMOKE PROOF ENCLOSURES	FRR* (FIRE RESISTANCE RATING)						
	STAIR ENCLOSURES	ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT	N/A NOT APPLICABLE	N/A	R	R-REQUIRED	R-REQUIRED	
	STAIR ENCLOSURES	OPEN STAIR PENETRATING ONE (1) FLOOR/LEVEL ONLY	N/A NOT APPLICABLE	N/A	Р	PERMITTED IF UTILIZED AS AN ACCESS AND NOT AS AN EXIT COMPONENT	PERMITTED IF UTILIZED AS AN ACCESS AND NOT AS AN EXIT COMPONENT	
	FIRE FIGHTING LOBBY	COMPLYING WITH FIRE FIGHTING LOBBY REQUIREMENTS						
	LOBBY DOORS & WALL ENCLOSURES	1.5-HR FPR** FIRE PROTECTION RATING	N/A NOT APPLICABLE	N/A	NR	NR-NOT REQUIRED	NR-NOT REQUIRED	
	SMOKE-STOP LOBBY (VESTIBUE)	COMPLYING WITH SMOKE-STOP LOBBY REQUIREMENTS						
6	HORIZONTAL EXITS	COMPLYING WITH CHAPTER 7 NFPA 101	1-HR FRR*	1-HR	FRR*	1-HR FRR*	1-HR FRR*	
		ENCLOSURE & SEPARATION FIRE RESISTANCE RATING						
7	EXIT PASSAGEWAYS	MINIMUM WIDTH AS PER EXIT CAPACITY FACTOR &/OR NOT LESS THAN ¾ OF THE WIDTH OF THE EXIT STAIR	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED	
8	FIRE ESCAPE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED		PERMITTED PERMITTED		PERMITTED
9	FIRE ESCAPE LADDERS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED	NOT PERMITTED	
10	AREAS OF REFUGE	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED	



ı	APPLICATIONS				EDUCA	TIONAL OCCU	JPANCIES - SC	HOOLS			
	KINDERGARTI	ENS / SCHOOLS	OCCUPA		R EDUCATION R 4 OR MORE				RADE BY SIX O RS PER WEEK.	R MORE	
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIREMENTS				BUILDING	BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)			
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD		GROUND FLO	OOR (GF) ONLY		A:	S PER OLF 1.9	M²/PERSON N	ET	
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY	/ (6-8 YO)	G+1 (9	-11 YO)	A:	S PER OLF 1.9	M²/PERSON NET		
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STOREYS MAX.)				A	S PER OLF 1.9	M²/PERSON N	ET	
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STC		REYS MAX.)		A:	S PER OLF 1.9	M²/PERSON N	ET	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN		PREPAI	RATORY	PRIN	<i>MARY</i>	SECON	IDARY	
- 11	FIFWATORS	AS PART OF THE REQUIRED MEANS OF EGRESS									
11	ELEVATORS	AS SECOND MEANS OF EGRESS	NOT PERMITTED		NOT PERMITTED		NOT PERMITTED		NOT PERMITTED		
	ELEVATOR DOORS	OPENING INTO EXIT ENCLOSURES									
С	CAPACITY OF MEANS OF EGRESS	NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTOR									
1	OCCUPANTIOAD	CLASSROOMS	1.9 NET M ² /PERSON		1.9 NET M ² /PERSON		1.9 NET N	1.9 NET M ² /PERSON		1.9 NET M ² /PERSON	
1	OCCUPANT LOAD	SHOPS, LABORATORIES, VOCATIONAL ROOMS	4.6 NET IV	4.6 NET M ² /PERSON		4.6 NET M ² /PERSON		4.6 NET M ² /PERSON		4.6 NET M ² /PERSON	
2	EGRESS CAPACITY	STAIRWAYS	7.6	7.6MM		7.6MM		ММ	7.6MM		
	EGRESS CAPACITY	LEVEL COMPONENTS & RAMPS	5.0	MM	5.0MM		5.0MM		5.0MM		
3	EXIT ACCESS CORRIDORS	REQUIRED MINIMUM CLEAR WIDTH	1830	DMM	1830MM		1830MM		1830MM		
D	NUMBER OF EXITS										
1	SINGLE EXIT	ONLY ONE (1) ON EVERY STORY	NOT PEI	RMITTED	NOT PE	RMITTED	NOT PERMITTED		NOT PERMITTED		
2	TWO (2) SEPARATE EXITS (MINIMUM)	REQUIREMENTS FOR ANY NUMBER OF OCCUPANTS									
3	THREE (3) SEPARATE EXITS (MINIMUM)	EQUAL OR MORE THAN 500 OCCUPANTS	REQU	JIRED	REQU	JIRED	REQU	JIRED	REQU	IIRED	
4	FOUR (4) SEPARATE EXITS (MINIMUM)	EQUAL OR MORE THAN 1000 OCCUPANTS									
E	ARRANGEMENT OF EXITS	(NS*-NOT SPRINKLERED / S**-SPRINKLERED)	NS*	S**	NS*	S**	NS*	S**	NS*	S**	
1	TRAVEL DISTANCE	IN ACCORDANCE WITH NFPA 101 TABLE A.7.6	46M	61M	46M	61M	46M	61M	46M	61M	
2	COMMON PATH LIMIT	IN ACCORDANCE WITH NFPA 101 TABLE A.7.6	23M	30M	23M	30M	23M	30M	23M	30M	
3	DEAD-END CORRIDOR	IN ACCORDANCE WITH NFPA 101 TABLE A.7.6	6.1M	15M	6.1M	15M	6.1M	15M	6.1M	15M	
		MINIMUM TWO (2) ACCESS DOORS									
4	ROOM OR SPACES WITH MORE THAN 93M ² OR WITH AN OCCUPANT LOAD OF MORE THAN 50	REQUIRED DOORS ARRANGED TO PROVIDE ACCESS TO SEPARATE EXITS	REQU	UIRED	REQUIRED		REQUIRED		REQUIRED		
	PERSONS	DOORS OPEN INTO THE DIRECTION OF EXIT TRAVEL					TIE QUITE				



ı	APPLICATIONS			EDUCA	TIONAL OCCU	JPANCIES - SCHOOLS		
	KINDERGARTE	NS / SCHOOLS	OCCUPANCY USED FOR EDUCATIONAL PURPOSES THROUGH THE TWELFTH GRADE BY SIX OR MORE PERSONS FOR 4 OR MORE HOURS PER ADY OR MORE THAN 12 HOURS PER WEEK.					
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	BUILDING HEIGHT REQUIREMENTS			DCCUPANT LOAD FACTOR LF)	
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OOR (GF) ONLY		AS PER OLF 1.9 M ² /PERSON NET		
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9-	11 YO)	AS PER OLF 1.9	M²/PERSON NET	
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPAR	ATORY	PRIMARY	SECONDARY	
5	EVERY ROOM NORMALLY SUBJECT TO STUDENT OCCUPANCY	EXIT ACCESS DOORS LEADS DIRECTLY TO AN EXIT ACCESS CORRIDOR OR EXIT	REQUIRED	REQU	IRED	REQUIRED	REQUIRED	
6	DOORS SWINGING INTO EXIT ACCESS CORRIDOR	ACCESS DOORS ARRANGED TO PREVENT INTERFERENCE WITH CORRIDOR TRAVEL	REQUIRED	REQU	IRED	REQUIRED	REQUIRED	
7	AISLES	MINIMUM AISLE WIDTH	760MM	760	мм	760MM	760MM	
8	SPACES BETWEEN PARALLEL ROWS OF SEATS SUBJECT TO THE MINIMUM AISLE WIDTH	THE NUMBER OF SEATS THAT INTERVENES BETWEEN ANY SEAT AND AN AISLE DOES NOT EXCEED SIX (6)	NOT REQUIRED	NOT REC	QUIRED	NOT REQUIRED	NOT REQUIRED	
9	EXIT DISCHARGE							
	EXTERIOR DISCHARGE	DIRECT TO BUILDING EXTERNAL	REQUIRED	REQU	IRED	REQUIRED	REQUIRED	
	THROUGH AREAS ON LEVEL OF EXIT DISCHARGE	MAXIMUM 10M TRAVEL DISTANCE TO BUILDING EXTERNAL 50% OF THE REQUIRED NUMBER OF EXITS AND 50% OF THE REQUIRED EXIT CAPACITY	PERMITTED WHEN PROTECTED THROUGHOUT WITH SPRINKLER SYSTEM	PERMITTE PROTE THROUGHO SPRINKLER	CTED OUT WITH	PERMITTED WHEN PROTECTED THROUGHOUT WITH SPRINKLER SYSTEM	PERMITTED WHEN PROTECTED THROUGHOUT WITH SPRINKLER SYSTEM	
10	EXTERIOR WAYS OF EXIT	COMPLYING WITH NFPA 101	PERMITTED	PERMI	ITTED	PERMITTED	PERMITTED	
11	ACCESSIBLE MEANS OF EGRESS	EXITS & ACCESS PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT	NOT LESS THAN 2 EXITS REQUIRED)	NOT LESS TH		NOT LESS THAN 2 EXITS REQUIRED)	NOT LESS THAN 2 EXITS REQUIRED)	
12	ILLUMINATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101						
13	EMERGENCY LIGHTING	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IRED	REQUIRED	REQUIRED	
14	MARKINGS OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101						
F	SPECIAL MEANS OF EGRESS PROVISIONS							
1	FIREMEN ACCESS PANELS	HABITABLE HEIGHT EXCEEDING 10M	NR-NOT REQUIRED	NR	R	R-REQUIRED	R-REQUIRED	
2	WINDOWS FOR RESCUE	ROOMS OR SPACE GREATER THAN 23.2M ² AND NORMALLY SUBJECT TO STUDENT OCCUPANCY	REQUIRED	REQU	IRED	REQUIRED	REQUIRED	
		BUILDING SPRINKLER PROTECTED THROUGHOUT		NOT REC	QUIRED	NOT REQUIRED	NOT REQUIRED	



ı	APPLICATIONS			EDUCATIONAL OCCU	JPANCIES - SCHOOLS	
	KINDER	GARTENS / SCHOOLS		DR EDUCATIONAL PURPOSES DR 4 OR MORE HOURS PER AL		
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	IT REQUIREMENTS	BUILDING AREA REQTS/OCCUPANT LOAD FACT (OLF)	
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLOOR (GF) ONLY		AS PER OLF 1.9	M²/PERSON NET
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9-11 YO)	AS PER OLF 1.9	M²/PERSON NET
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STC	DREYS MAX.)	AS PER OLF 1.9	M²/PERSON NET
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STC	DREYS MAX.)	AS PER OLF 1.9	M²/PERSON NET
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPARATORY	PRIMARY	SECONDARY
2	WINDOWS FOR RESCUE	ROOM OR SPACE HAS DOOR LEADING DIRECTLY TO AN EXIT OR OUTSIDE THE BUILDING	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED
		ROOMS LOCATED FOUR OR MORE STORIES				
4	LOCKUPS	DOORS & PHYSICAL RESTRAINTS TO FREE EGRESS CAN BE READILY RELEASED BY STAFF WITHIN 2 MINUTES OF ONSET OF FIRE OR ANY EMERGENCY	REQUIRED ON DOORS PROVIDED WITH LOCKUPS	REQUIRED ON DOORS PROVIDED WITH LOCKUPS	REQUIRED ON DOORS PROVIDED WITH LOCKUPS	REQUIRED ON DOORS PROVIDED WITH LOCKUPS
5	ELEVATORS FOR OCCUPANT CONTRO EVACUATION PRIOR TO PHASE I EMERG RECALL OPERATIONS		NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED
V	INTERIOR FINISH CONTENTS AND FURNISHIN	IG				
Α	INTERIOR FINISH	COMPLYING WITH CHAPTER 10 OF NFPA 101	REQUIRED	REQUIRED	REQUIRED	REQUIRED
		EXITS	CLASS A	CLASS A	CLASS A	CLASS A
		OTHER THAN EXITS	CLASS A OR CLASS B	CLASS A OR CLASS B	CLASS A OR CLASS B	CLASS A OR CLASS B
1	INTERIOR WALL & CEILING FINISHES	LOW HEIGHT PARTITIONS NOT EXCEEDING 1525MM AND USED IN LOCATIONS OTHER THAN EXITS	CLASS A, CLASS B OR CLASS C	CLASS A, CLASS B OR CLASS C	CLASS A, CLASS B OR CLASS C	CLASS A, CLASS B OR CLASS C
2	INTERIOR FLOOR FINISHES	EXIT ENCLOSURES AND EXIT ACCESS CORRIDORS	CLASS II	CLASS II	CLASS II	CLASS II
VI	FEATURES OF FIRE PROTECTION (NFPA 5000	TABLES 7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)				
Α	CONSTRUCTION	COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000	REQUIRED	REQUIRED	REQUIRED	REQUIRED
	CONSTRUCTION	EXTERIOR BEARING WALLS	HOURLY RATINGS	HOURLY RATINGS	HOURLY RATINGS	HOURLY RATINGS
1	(NON COMPLISTIBLE OF LIMITED TYPE	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES		BASED ON NFPA 5000	BASED ON NFPA 5000	BASED ON NFPA 5000
	COMBUSTIBLE MATERIALS) TYPE II	FLOOR CONSTRUCTION		HEIGHT & AREA REQUIREMENTS	HEIGHT & AREA REQUIREMENTS	HEIGHT & AREA REQUIREMENTS
В	SUBDIVISION OF BLDG. SPACES					
1	FIRE BARRIES	COMPLYING WITH NFPA 101 & NFPA 5000	1-HR FRR*	1-HR FRR*	1-HR FRR*	1-HR FRR*



ı	APPLICATIONS				EDUCATIONAL OCCU	JPANCIES - SCHOOLS	
	к	INDERGARTE	ENS / SCHOOLS		OR EDUCATIONAL PURPOSES OR 4 OR MORE HOURS PER AL		
П	OCCUPANCY CLASSIFICATION**			BUILDING HEIGH	IT REQUIREMENTS	BUILDING AREA REQTS/OCCUPANT LOAD FACT (OLF)	
Α	KINDERGARTEN		KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLOOR (GF) ONLY		AS PER OLF 1.9	M²/PERSON NET
В	PRIMARY		PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9-11 YO)	AS PER OLF 1.9	M²/PERSON NET
С	PREPARATORY		PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	DREYS MAX.)	AS PER OLF 1.9	M²/PERSON NET
D	SECONDARY		SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	DREYS MAX.)	AS PER OLF 1.9	M²/PERSON NET
	FIRE SAFETY PROVISIONS		MINIMUM REQUIREMENTS	KINDERGARTEN	PREPARATORY	PRIMARY	SECONDARY
2	SEPARATION FROM OTHER OCCUPANO	CIES	COMPLYING WITH NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQUIRED	REQUIRED	REQUIRED
3	CORRIDORS RATED SEPARATION		REQUIRED SEPARATION	1-HR FRR*	1-HR FRR*	1-HR FRR*	1-HR FRR*
	EXEMPTION TO THE REQUIRED SEPARATION APPLIES TO ANY OF THE FOLLOWING	1	ALL SPACES SUBJECT TO STUDENT OCCUPANCY HAS A DOOR OPENING DIRECTLY TO THE OUTSIDE OR EXTERIOR OR EXIT ACCESS BALCONY OR CORRIDOR	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED
	. 0 1200	2	BUILDING IS PROTECTED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM				
4	SMOKE PARTITIONS / SMOKE COMPARTMENTS /		MAXIMUM FLOOR AREA INCLUDING THE AGGREGATE AREA OF ALL FLOORS EXCEEDS 2800M ²	DEGLUDED	PEOLIPED	REQUIRED	REQUIRED
4	SMOKE BARRIERS		THE LENGTH OR WIDTH OF ANY BUILDING USED FOR EDUCATIONAL PURPOSES EXCEEDS 91.0 METERS	REQUIRED	REQUIRED	REQUIRED	REQUIRED
	EXEMPTION TO SMOKE PARTITION	1	BUILDING IS PROTECTED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM				
	REQUIREMENTS APPLIES TO ANY OF THE FOLLOWING	ALL SPACES SUBJECT TO STUDENT OCCUPANCY NOT REQUIRED NOT REQUIRED	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED		
С	VERTICAL OPENINGS PROTECTION						
1	COMMUNICATING SPACES						
2	ATRIUMS		ENCLOSED AND/OR PROVIDED WITH PROTECTION IN ACCORDANCE WITH CHAPTER 8.6 VERTICAL	REQUIRED	REQUIRED	REQUIRED	RECHIRED
3	CONVENIENCE OPENINGS		OPENINGS OF NFPA 101 LIFE SAFETY CODE.	NEQUINED	REQUIRED	REQUIRED	REQUIRED
4	SHAFTS						



ı	APPLICATIONS			EDUCATIONAL OCCU	JPANCIES - SCHOOLS		
	KINDERGARTE	ENS / SCHOOLS		OR EDUCATIONAL PURPOSES OR 4 OR MORE HOURS PER AI			
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	IT REQUIREMENTS	BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)		
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OOR (GF) ONLY	AS PER OLF 1.9 M ² /PERSON NET		
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO) G+1 (9-11 YO)		AS PER OLF 1.9	M²/PERSON NET	
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	PREYS MAX.)	AS PER OLF 1.9	M²/PERSON NET	
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STC	DREYS MAX.)	AS PER OLF 1.9	M²/PERSON NET	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPARATORY	PRIMARY	SECONDARY	
5	MEZZANINES	FLOOR AREA IS NOT MORE THAN 1/3 THE OPEN AREA OF THE ROOM IN WHICH THE MEZZANINE IS LOCATED	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
3	WELLANTINES	EXCEEDING 1/3 AREA LIMIT, MEZZANINE SHALL COMPLY WITH THE MEANS OF EGRESS REQUIRED FOR A STORY	·	REQUIRED	REQUIRES		
6	CONCEALED SPACES & DRAFSTOPS	DRAFSTOPPED FOR THE FULL DEPTH OF THE SPACE & INTO AREAS NOT EXCEEDING AS FOLLOWS:		REQUIRED		REQUIRED	
	EXTERIOR & INTERIOR WALL & PARTITION	FIRESTOPPED AT EACH FLOOR LEVEL, TOP STORY CEILING LEVEL & AT THE LEVEL OF SUPPORT FOR ROOFS	REQUIRED		REQUIRED		
	UNOCCUPIED ATTIC SPACES	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²					
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²					
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²					
	DRAFSTOP NOT REQUIRED	WHERE THE SPACES ARE PROTECTED THROUGHOUT WITH SPRINKLER SYSTEM &/OR SERVE AS PLENUMS	PERMITTED	PERMITTED	PERMITTED	PERMITTED	
D	HAZARDOUS AREA PROTECTION						
1	BOILER AND FURNACE ROOMS						
2	ROOMS OR SPACE USED FOR STORAGE OF COMBUSTIBLE IN HAZARDOUS QUANTITIES	1-HOUR FIRE BARRIERS OR AUTOMATIC	REQUIRED			REQUIRED	
3	ROOMS OR SPACE USED FOR STORAGE OF HAZARDOUS MATERIALS OR FLAMMABLE OR COMBUSTIBLE LIQUIDS	EXTIGUISHING SYSTEM		REQUIRED	REQUIRED		
4	JANITOR CLOSETS	1					



	APPLICATIONS			EDIIC/	TIONAL OCCI	JPANCIES - SCHOOLS	
•			OCCUPANCY USED FO			THROUGH THE TWELFTH G	RADE BY SIX OR MORE
	KINDERGARTE	NS / SCHOOLS	PERSONS FOR 4 OR MORE HOURS PER ADY OR MORE THAN 12 HOURS PER WEEK.				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	IT REQUIREME	NTS	• •	OCCUPANT LOAD FACTOR DLF)
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OOR (GF) ONLY	'	AS PER OLF 1.9	M²/PERSON NET
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9	-11 YO)	AS PER OLF 1.9	M²/PERSON NET
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)		AS PER OLF 1.9	M ² /PERSON NET
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPAI	RATORY	PRIMARY	SECONDARY
5	LAUNDRIES						
6	MAINTENANCE SHOPS INCLUDING PAINTING & WOODWORKING AREAS						
7	ROOMS OR SPACE USED FOR PROCESSING OR USE OF COMBUSTIBLE SUPPLIES	1-HOUR FIRE BARRIERS OR AUTOMATIC EXTIGUISHING SYSTEM	REQUIRED	REQUIRED		REQUIRED	REQUIRED
8	ROOMS USED FOR PROCESSING OR USE OF HAZARDOUS MATERIALS OR FLAMMABLE OR COMBUSTIBLE LIQUIDS						
VII	FIRE PROTECTION (FRR* FIRE RESISTANCE RATING /	FPR** (FIRE PROTECTION RATING)					
Α	DETECTION ALARM AND COMMUNICATION SYSTEMS						
1	FIRE ALARM SYSTEM	AUTOMATIC AND MANUAL SYSTEM	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED
В	EXTINGUISHING REQUIREMENTS	COMPLIANCE TO RELEVANT CODES & STANDARDS	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING AS PER WITH NFPA 10	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED
3	STANDPIPE SYSTEM	BUILDING EXCEEDING 9M IN HEIGHT	NR-NOT REQUIRED	NR	R	R-REQUIRED	R-REQUIRED
4	FIRE HOSE REELS	25MM DIAMETER HOSE	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED
		AREA EXCEEDING 1120 M ² (12000 FT ²)					
5	AUTOMATIC SPRINKLER SYSTEM	EVERY PORTION BELOW THE LEVEL OF EXIT DISCHARE (BASEMENTS)	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED
6	OTHER EXTINGUISHING EQUIPMENT	COMPLIANCE TO RELEVANT CODES & STANDARDS	PERMITTED	PERM	ITTED	PERMITTED	PERMITTED
VIII	BUILDING SERVICES PROTECTION (ASS* AUTOMATIC	SUPPRESSION SYSTEM)					
Α	BUILDING UTILITIES	COMPLYING WITH CHAPTER 9 NFPA 101	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED
1	GAS EQUIPMENT & RELATED PIPING	PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED	REQU	JIRED	REQUIRED	REQUIRED



ı	APPLICATIONS			EDUCA	TIONAL OCCU	JPANCIES - SCHOOLS		
	KINDERGART	ENS / SCHOOLS				THROUGH THE TWELFTH GI DY OR MORE THAN 12 HOUF		
=	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIREMENTS			BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)		
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OR (GF) ONLY		AS PER OLF 1.9	M²/PERSON NET	
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9-	-11 YO)	AS PER OLF 1.9	M²/PERSON NET	
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)		AS PER OLF 1.9	M²/PERSON NET	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPAR	RATORY	PRIMARY	SECONDARY	
2	ELECTRICAL SYSTEMS	COMPLYING WITH NFPA 70						
	ELECTRICAL EQUIPMENT ROOMS	AUTOMATIC SUPPRESSION SYSTEM (ASS) or 2-HRS ENCLOSURE	REQUIRED	REQU	IIRED	REQUIRED	REQUIRED	
		ATTACHED TO OCCUPIED BUILDINGS	3-HRS FRR or 2-HRS FRR & ASS	3-HRS FRR o		3-HRS FRR or 2-HRS FRR & ASS	3-HRS FRR or 2-HRS FRR & ASS	
	SUBSTATIONS & SWITCHGEARS	TRANSFORMER VAULT REQUIRED FIRE PROTECTION	3-HRS FRR or 1-HR & ASS	3-HRS FRR AS		3-HRS FRR or 1-HR & ASS	3-HRS FRR or 1-HR & ASS	
		EXPLOSION PROTECTION	ASS* & 2-HRS ENCLOSURE	ASS* & ENCLO		ASS* & 2-HRS ENCLOSURE	ASS* & 2-HRS ENCLOSURE	
3	COMMERCIAL COOKING EQUIPMENT	COMPLYING WITH NFPA 96	NOT APPLICABLE	NOT APP	LICABLE	NOT APPLICABLE	NOT APPLICABLE	
	KITCHEN/PANTRY	ENCLOSURE FIRE RESISTANCE RATING	1-HR FRR*	1-HR	FRR*	1-HR FRR*	1-HR FRR*	
	APPROVED OPEN FLAMES	IN LABORATORIES & VOCATIONAL/TECHNICAL AREAS	PERMITTED	PERM	ITTED	PERMITTED	PERMITTED	
	COOKING EQUIPMENT	EQUIPMENT USED ONLY FOR FOOD WARMING	PERMITTED	PERM	ITTED	PERMITTED	PERMITTED	
4	ELEVATORS, ESCALATORS & CONVEYORS	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQU	IIRED	REQUIRED	REQUIRED	
	FIRE FIGHTERS' EMERGENCY OPERATION	COMPLYING WITH CHAPTER 9 NFPA 101 & ASME A17.1/CSA B44	NA-NOT APPLICABLE	NA	R	REQUIRED	REQUIRED	
В	INCINERATORS, RUBBISH & LAUNDRY CHUTES	COMPLYING WITH NFPA 82						
	ENCLOSURES	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FRR*	1-HR	FRR*	1-HR FRR*	1-HR FRR*	
	ENCLUSURES	TRAVERSES MORE THAN THREE (3) STOREYS	2-HRS FRR*	2-HRS	FRR*	2-HRS FRR*	2-HRS FRR*	
	OPENING PROTECTIVE	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FPR**	1-HR I	PR**	1-HR FPR**	1-HR FPR**	
	OF LIVING PROTECTIVE	TRAVERSES MORE THAN THREE (3) STOREYS	1.5-HR FPR**	1.5-HR	FPR**	1.5-HR FPR**	1.5-HR FPR**	
С	EMERGENCY POWER SUPPLY SYSTEM	COMPLYING WITH NFPA 110	REQUIRED	REQU	IIRED	REQUIRED	REQUIRED	
1	GENERATORS	ENCLOSURE	1-HOUR FRR*	1-HOU	R FRR*	1-HOUR FRR*	1-HOUR FRR*	



ı	APPLICATIONS			EDUCATIONAL OCCU	JPANCIES - SCHOOLS		
	KINDERGARTE	NS / SCHOOLS		R EDUCATIONAL PURPOSES R 4 OR MORE HOURS PER AI			
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	T REQUIREMENTS	BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)		
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLO	OR (GF) ONLY	AS PER OLF 1.9 M ² /PERSON NET		
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO)	G+1 (9-11 YO)	AS PER OLF 1.9	M²/PERSON NET	
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STO	REYS MAX.)	AS PER OLF 1.9	M²/PERSON NET	
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)	AS PER OLF 1.9	M²/PERSON NET	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPARATORY	PRIMARY	SECONDARY	
D	FIRE PUMP ROOM	COMPLYING WITH NFPA 20	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
		MORE THAN 15.3 M FROM ANY BUILDING	1-HR FRR*	1-HR FRR*	1-HR FRR*	1-HR FRR*	
1	ENCLOSURES	WITHIN 15.3M OR ATTACHED TO BUILDINGS	2-HRS FRR*	2-HRS FRR*	2-HRS FRR*	2-HRS FRR*	
1	ENCLOSURES	THROUGHOUT SPRINKLER (BUILDING/S & PUMP ROOM)	1-HR FRR*	1-HR FRR*	1-HR FRR*	1-HR FRR*	
2	2 DIRECT SAFE ACCESS	EXTERNAL ACCESS WITHIN THE LEVEL OF DISCHARGE	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
		WITHIN 3M FROM ANY EXIT	PERMITTED	PERMITTED	PERMITTED	PERMITTED	
3	ACCESS COMPONENT (LINDERCOLIND LOCATION)	STANDARD STAIR (NON-COMBUSTIBLE MATERIAL)	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
3	ACCESS COMPONENT (UNDERGOUND LOCATION)	CAT STEEL LADDER	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	
E	FIRE WATER TANKS	COMPLYING WITH NFPA 22					
1	WATER TANK MATERIALS	NON-COMBUSTIBLE MATERIAL	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
1	WATER TAINE WATERIALS	GRP TANKS (1-HR FIRE RATED ENCLOSURE)	PERMITTED	PERMITTED	PERMITTED	PERMITTED	
	DESIGN/COMPARTMENTATION	TWO (2) COMPARTMENTS	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
F	SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 92 & NFPA 204					
1	VENTILATION BY ANY OF THE FOLLOWING: a. NATURAL VENTILATION;	EXIT STAIRCASES CONNECTS MORE THAN FIVE (5) STOREYS (LEVELS) INCLUDING THE BASEMENTS	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	
	b. MECHANICAL VENTILATION BY POSITIVE VENTILATION (PRESSURIZATION) SYSTEM	AND/OR WHEN SMOKE-STOP &/OR FIRE FIGHTING LOBBIES ARE REQUIRED	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE		
2	VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING:	BASEMENT LEVEL/S WITH FLOOR AREA (FA) EXCEEDING 500 SQ.M.	REQUIRED	REQUIRED	REQUIRED	REQUIRED	
	a. NATURAL VENTILATION;b. MECHANICAL VENTILATION & SMOKE CONTROL SYSTEM	VERTICAL OPENINGS, ATRIUMS & OTHER LARGE VOLUME OF SPACES	REQUIRED	REQUIRED	REQUIRED	REQUIRED	



ı	APPLICATIONS					EDUCATIONAL OCCU	JPANCIES - SCHOOLS	
	к	INDERGARTE	NS / SCHOOLS			OR EDUCATIONAL PURPOSES R 4 OR MORE HOURS PER AL		
II	OCCUPANCY CLASSIFICATION**				BUILDING HEIGH	T REQUIREMENTS	BUILDING AREA REQTS/OCCUPANT LOAD FAC (OLF)	
Α	KINDERGARTEN		KINDERGART	EN OF AGES 4-5 YEARS OLD	GROUND FLO	GROUND FLOOR (GF) ONLY		M²/PERSON NET
В	PRIMARY		PRIMARY STU	JDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO) G+1 (9-11 YO)		AS PER OLF 1.9	M ² /PERSON NET
С	PREPARATORY		PREPARATOR OLD	RY STUDENTS OF AGES 12-15 YEARS	G+1 (2 STO	PREYS MAX.)	AS PER OLF 1.9	M²/PERSON NET
D	SECONDARY		SECONDARY	STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STOREYS MAX.)		AS PER OLF 1.9	M ² /PERSON NET
	FIRE SAFETY PROVISIONS		Λ	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPARATORY	PRIMARY	SECONDARY
G	AIR-CONDITIONING & VENTILATION SY	STEM	COMPLYING	WITH NFPA 90A & NFPA 90B	REQUIRED	REQUIRED	REQUIRED	REQUIRED
IX	OPERATING FEATURES							
Α	EMERGENCY PLAN				REQUIRED	REQUIRED	REQUIRED	REQUIRED
		1	PROCEDURES	S FOR REPORTING OF EMERGENCY				
1	EMERGENCY PLAN REQUIREMENTS	2	OCCUPANT A EMERGENCY	AND STAFF RESPONSE TO	REQUIRED	REQUIRED	REQUIRED	REQUIRED
1		3		I PROCEDURES APPROPRIATE TO THE , EMERGENCIES AND HAZARD		negomes	REQUIRED	inequines
		4	APPROPRIAT	ENESS OF THE USE OF ELEVATORS				
		5	DESIGN & CO	NDUCT OF FIRE DRILLS		REQUIRED RE		
1	EMERGENCY PLAN REQUIREMENTS	6	TYPE & COVE PROTECTION	RAGE OF BUILDING FIRE SYSTEM	REQUIRED		REQUIRED	REQUIRED
		7		S THAT ARE NECESSARY IN AN PLANS AS MAY BE REQUIRED BY QCD				
В	EMERGENCY EXIT DRILLS				KINDERGARTEN	PREPARATORY	PRIMARY	SECONDARY
1	EMERGENCY EGRESS AND RELOCATION	I DRILLS	COMPLYING	WITH CHAPTER 14 AND 4.7 NFPA 101				
			NOT LESS TH	AN 1 PER MONTH	REQUIRED	REQUIRED	REQUIRED	REQUIRED
	DRILL FREQUENCY		IN SUMMER : CONDITIONS	SEASON OR OTHER SEVERE WEATHER	PERMITTED TO BE DEFERRED	PERMITTED TO BE DEFERRED	PERMITTED TO BE DEFERRED	PERMITTED TO BE DEFERRED
	DRILL FREQUENCY		CONDITION	NOT LESS THAN 4 DRILLS CONDUCTED BEFORE THE DRILLS ARE DEFERRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED
2	ORDERLY EVACUATION		EMPHASIS OI SPEED	N ORDERLY EVACUATION RATHER	REQUIRED	REQUIRED	QUIRED REQUIRED	REQUIRED
3	SIMULATED CONDITIONS		DRILLS HELD	AT EXPECTED & UNEXPECTED TIMES				



BUILDING PLAN - FIRE SAFETY GUIDE

I	APPLICATIONS		EDUCATIONAL OCCUPANCIES - SCHOOLS				
	KINDERGARTI	OCCUPANCY USED FOR EDUCATIONAL PURPOSES THROUGH THE TWELFTH GRADE BY SIX OR MORE PERSONS FOR 4 OR MORE HOURS PER ADY OR MORE THAN 12 HOURS PER WEEK.					
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGH	T REQUIREMENTS	BUILDING AREA REQTS/OCCUPANT LOAD FACTOR (OLF)		
Α	KINDERGARTEN	KINDERGARTEN OF AGES 4-5 YEARS OLD	GROUND FLOOR (GF) ONLY		AS PER OLF 1.9	M²/PERSON NET	
В	PRIMARY	PRIMARY STUDENTS OF AGES 5-11 YEARS OLD	GF ONLY (6-8 YO) G+1 (9-11 YO)		AS PER OLF 1.9 M ² /PERSON NET		
С	PREPARATORY	PREPARATORY STUDENTS OF AGES 12-15 YEARS OLD	G+1 (2 STOREYS MAX.)		AS PER OLF 1.9 M ² /PERSON NET		
D	SECONDARY	SECONDARY STUDENTS OF AGES 15-17 YEARS OLD	G+2 (3-STO	REYS MAX.)	AS PER OLF 1.9 M ² /PERSON NET		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	KINDERGARTEN	PREPARATORY	PRIMARY	SECONDARY	
4	RELOCATION AREA		DECLUBED	DECLURED	DECLUBED	DECLURED	
С	INSPECTION		REQUIRED	REQUIRED	REQUIRED	REQUIRED	
	DUTY OF THE PRINCIPALS, TEACHER AND STAFF	TO INSPECT ALL EXIT FACILITIES TO ENSURE THAT ALL STAIRWAYS, DOORS & OTHER EXITS ARE IN PROPER CONDITION	DAILY INSPECTION REQUIRED	D <mark>A</mark> ILY INSPECTION REQUIRED	DAILY INSPECTION REQUIRED	DAILY INSPECTION REQUIRED	

Note:

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

^{*}This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

^{**}Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

^{*}FPR*-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

^{*}NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

HEALTH CARE OCCUPANCIES

	APPLICATIONS		HEA	ALTH CARE OCCUP	ANCIES - HOSPITALS		
		HIATRIC HOSPITALS / NURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA				
	OCCUPANCY CLASSIFICATION**	FACILITIES	<u> </u>			ASURES NOT UNDER THEIR CONTROL.	
11		HIGH-RISE	BUILDING HEIGHT REQUIREMENTS			G AREA REQUIREMENTS	
A	TYPE A HEALTH CARE FACULTIES		≥28M HABITABLE HEIG			UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE HEIGHT		UL-	- UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES FIRE SAFETY PROVISIONS	OUT-PATIENT HEALTH CARE FACILITIES MINIMUM REQUIREMENTS	RESERVED TYPE- A FACILITIES TYPE - B F		FACILITIES	RESERVED RESERVED	
	1	`	TTPE- A FACILITIES	ПТРЕ -Б	FACILITIES	KESEKVED	
III	BUILDING AND SITE ACCESS FOR FIRE FIGHTII						
Α	SITE ACCESS	4.0M MINIMUM CLEAR WIDTH					
		4.5M MINIMUM CLEAR HEIGHT		_			
		4.0M MIN. WIDTH AND 24 TON LOAD CAPACITY	REQUIRED		ESS THAN 10M LE HEIGHT)	-	
В	ACCESS ROAD	WITHIN A TRAVEL DISTANCE OF 45M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BUILDING.		HADITAD	LE REIGHT)		
	FIRE ENGINE HARDSTANDING	LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING	- REQUIRED				
С		6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING		PEO	UIRED		
	FIRE ENGINE HARDSTANDING	POSITIONED SO THAT THE NEARER EDGE SHALL NOT BE LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING, MEASURED HORIZONTALLY.		NEQ.	UINED		
		WITH EMERGENCY VOICE COMMUNICATION SYSTEM AND/OR SMOKE CONTROL SYSTEM					
		9M ² MINIMUM AREA (LEAST DIMENSION 2.5M)					
		AT LEAST WITH 1M CLEARANCE FROM ALL EQUIPMENT					
D	FIRE COMMAND CENTER	2-HOURS ENCLOSURES (WALLS, OPENINGS & PENETRATIONS)	REQUIRED	REQ	UIRED	-	
		PROVIDED WITH PROMINENTLY MARKED EXTERIOR ENTRANCES					
I		INSTEAD OF A DEDICATED FIRE RATED ROOM: LOBBIES OR OTHER SPACES ADJACENT TO THE MAIN ENTRANCE OF THE BUILDING					



ı	APPLICATIONS		HEA	ALTH CARE OCCUPA	NCIES - HOSPITALS		
	-	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI:				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	BUILDING AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIG	нт	UL-	UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL-	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В	FACILITIES	RESERVED	
		BUILDINGS EQUAL OR MORE THAN 28M HIGH ABOVE ENGINE ACCESS LEVEL.	REQUIRED	NOT AP	PLICABLE	-	
		BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE	REQUIRED	REQ	UIRED	-	
		SERVES ALL HABITABLE FLOORS					
		CONTAINED WITHIN A DEDICATED PROTECTED SHAFT	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT	REQUIRED IN EVERY FIRE SERVICE ACCESS ELEVATOR/FIRE LIFT PROVISIONS			
E	FIRE LIFT	APPROACHED BY FIRE FIGHTING LOBBY AT EACH STOREY	PROVISIONS			-	
-		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE					
		FIRE SERVICE ACCESS ELEVATORS/FIRE LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.12	REQUIRED	BUILDINGS EXCEEDS 9.0M BELOW THE LEVEL OF EXIT DISCHARGE		-	
		AMBULANCE STRETCHER ACCOMMODATION ELEVATOR/LIFT AS PER NFPA 5000 (2012 Ed.) CHAP. 54.3	REQUIRED	REQUIRED		-	
		WHEN REQUIRED, AT LEAST ONE (1) FIRE LIFT FOR EVERY 900 SQM. FLOOR AREA	REQUIRED	ACCESS ELEV	ERY FIRE SERVICE ATOR/FIRE LIFT ISIONS	-	
IV	MEANS OF EGRESS						
Α	MEANS OF EGRESS GENERAL REQUIREMENTS						
1	SEPARATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	-	
	EXIT ACCESS CORRIDORS	SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30	1-HR FRR*	1-HF	t FRR*	-	
	EXITS	CONNECTS 3 OR FEWER STORIES	1-HR FRR*	1-HF	FRR*	-	
	LAITS	CONNECTS 4 OR MORE STORIES	2-HRS FRR*	2-HR	S FRR*	-	
	OPENING PROTECTIVE	FIRE DOOR ASSEMBLIES EQUIPPED WITH DOOR CLOSERS	REQUIRED	REQ	UIRED	-	
	CONSTRUCTION	LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQ	UIRED	-	



ı	APPLICATIONS		HEA	ALTH CARE OCCUPA	NCIES - HOSPITALS	
	•	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI			
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	G AREA REQUIREMENTS
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIG	нт	UL – UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL -	UNLIMITED AREA
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В	FACILITIES	RESERVED
	OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED		-
2	EXITS HEADROOM	NOT LESS THAN 2285MM	REQUIRED	REQ	UIRED	-
	HEADROOM ON STAIRS	NOT LESS THAN 2285MM	REQUIRED	REQ	UIRED	-
3	WALKING SURFACES IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	-
4	CHANGES IN LEVEL IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	-
5	GUARDS	PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQUIRED		-
6	IMPEDIMENT TO EGRESS		NOT PERMITTED	NOT PERMITTED		NOT PERMITTED
7	MEANS OF EGRESS RELIABILITY	CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTION OR IMPEDIMENTS	REQUIRED	REQ	UIRED	REQUIRED
	FURNISHING AND DECORATION	FURNITURES, MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED
В	MEANS OF EGRESS COMPONENTS	COMPLYING WITH CHAPTER 7 NFPA 101				
		HOSPITAL AND NURSING HOMES	1055MM	105	5ММ	-
1	FIRE DOORS	NEWBORN NURSERIES AND PSYCHIATRIC HOSPITALS DOORS NOT SUBJECT TO HEALTH CARE OCCUPANTS' USE	810MM	810	MM	-
		EXIT ENCLOSURES	DECLUBED		unen.	
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	`	UIRED	-
	HODIZONITAL SUDING DOORS	MINIMUM DOOR LEAF WIDTH	810MM		MM	-
	HORIZONTAL SLIDING DOORS	SERVING AN OCCUPANT LOAD OF FEWER THAN 10	PERMITTED		MITTED	
	VERTICAL ROLLING DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED	_	RMITTED	-
	REVOLVING DOORS/POWERED DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED	NOT PE	RMITTED	-
	SELF-CLOSING DEVICES	IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED	REQUIRED	REQ	UIRED	-



1	APPLICATIONS			HEA	ALTH CARE OCCUPAN	NCIES - HOSPITALS	
	GENERAL AND SPECIALTY HOSPITALS / PSYCHIAT	TRIC HOSPITALS / NURSING	HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI			
II	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIRE	MENTS	BUILDING AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE		≥28M HABITABLE HEIG	нт	UL -	UNLIMITED AREA
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE		LESS THAN 28M HABITABLE	HEIGHT	UL -	UNLIMITED AREA
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CAR	RE FACILITIES	RESERVED			RESERVED
	FIRE SAFETY PROVISIONS	MINIMUM REC	QUIREMENTS	TYPE- A FACILITIES	TYPE –B F	ACILITIES	RESERVED
2	STAIRS	COMPLYING WITH CHAPTI	ER 7 NFPA 101	REQUIRED	REQU	IIRED	-
		FEWER THAN 50 PERSON ((CLEAR WIDTH)	915MM	915	MM	-
	STANDARD STAIRS	< 2000 PERSON (CLEAR W	IDTH)	1120MM	1120	MM	-
		≥ 2000 PERSON (CLEAR WIDTH) 1420MM		1420	MM	-	
	SPIRAL STAIRS	COMPLYING WITH CHAPTI	COMPLYING WITH CHAPTER 7 NFPA 101 NOT PERMITTED NOT		NOT PER	RMITTED	-
	CURVE STAIRS	COMPLYING WITH CHAPTI	ER 7 NFPA 101	NOT PERMITTED	NOT PER	RMITTED	•
	WINDERS	COMPLYING WITH CHAPTI	ER 7 NFPA 101	NOT PERMITTED	NOT PER	RMITTED	-
	GUARDS AND HANDRAILS	COMPLYING WITH CHAPTI	ER 7 NFPA 101	REQUIRED	REQU	IIRED	-
	ENCLOSURE AND PROTECTION OF STAIRS	COMPLYING WITH CHAPTI	ER 7 NFPA 101	REQUIRED	REQUIRED		ı
		INTERIOR STAIRS SER COMPONENT	RVING AS AN EXIT	REQUIRED	REQU	IIRED	-
	ENCLOSURES	DOORS FPR**	≤3 STOREYS / ≥3 STOREYS	1-HR FPR** / 1.5-HR FPR**	1-HR FPR** /	2-HRS FPR**	-
		ENCLOSURES FRR*	≤3 STOREYS / ≥3 STOREYS	1-HR FRR* / 2-HRS FRR*	1-HR FRR*/	2-HRS FRR*	-
	ENCLOSURE EXEMPTION	PENETRATING ONE FLOO MEZZANINE ONLY	OR LEVEL OR SERVING	PERMITTED	PERMI	ITTED	-
	EXPOSURES	WALLS AND OPENING HORIZONTALLY OF AN ENCLOSURE	GS WITHIN 3050MM EXTERIOR STAIRWAY	1-HR FRR*	1-HR	FRR*	-
	USEABLE SPACE	WITHIN EXIT ENCLOSURE		NOT PERMITTED	NOT PER	RMITTED	-
	USEABLE SPACE	UNDER STAIRS IN ACCORD	DANCE WITH NFPA 101	PERMITTED	PERMI	ITTED	<u>-</u>
	STAIRWAY IDENTIFICATION	SERVING 3 OR MORE STOR	REYS	REQUIRED	REQU	IIRED	<u>-</u>
	EXIT STAIR PATH MARKINGS	ALL STAIR COMPONENTS		REQUIRED	REQU	IIRED	-
	PERIMETER DEMARCATION MARKING	COMPLYING WITH NFPA 1	01	REQUIRED	REQU	IIRED	-
	LOCK, LATCHES & ALARM DEVICES	COMPLYING WITH NFPA 1	01	PERMITTED	PERMI	ITTED	-
	RE-ENTRY PROVISIONS	LOCKED STAIRS EXCEEDING	G 4 STOREYS	REQUIRED	REQU	IIRED	<u>-</u>



ı	APPLICATIONS		HEA	ALTH CARE OCCUPA	NCIES - HOSPITALS	
	GENERAL AND SPECIALTY HOSPITALS / PSYC	HIATRIC HOSPITALS / NURSING HOMES / LIMITED CARE FACILITIES	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI			
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	G AREA REQUIREMENTS
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIGHT		UL -	UNLIMITED AREA
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL-	UNLIMITED AREA
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	TYPE –B FACILITIES		RESERVED
		COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED		-
3	RAMPS	AS SECONDARY EXIT FOR ONE (1) BASEMENT LEVEL	NOT PERMITTED	PERMITTED REQUIRED		-
		RAMPS ENCLOSED AS EXITS SHALL BE OF SUFFICIENT WIDTH TO PROVIDE EGRESS CAPACITY	REQUIRED			
		BUILDING EQUAL OR MORE THAN 4 STOREYS (G+3) OR ROOFS 12M ABOVE GRADE PLANE	REQUIRED	REQUIRED NOT APPLICABLE REQUIRED		-
4	ROOF ACCESS	WHERE OPEN STAIR/S ARE PERMITTED AND PROVIDED IN HEALTH CARE OCCUPANCY	NOT APPLICABLE			-
		ONE AT EACH 9300M ² ROOF AREA OR FLAT ROOFS OR ROOF PITCH <3 IN 12	REQUIRED			-
	ROOF ACCESS COMPONENTS	SMOKE VENTS (FIXED WALL OPENING/S) AT THE TOP OF THE STAIRWELL WITH A MIN. AREA OF 1.5M ² .	NOT APPLICABLE	NOT AP	PLICABLE	-
		STAIR ACCESS TO ROOF EQUIPPED WITH OPERABLE DOORS	REQUIRED	REQU	UIRED	-
5	SMOKE PROOF ENCLOSURES	FRR* (FIRE RESISTANCE RATING)				
	STAIR ENCLOSURES	ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT	REQUIRED	REQI	UIRED	-
	STAIN LINCLUSURES	OPEN STAIR PENETRATING ONE (1) FLOOR/LEVEL ONLY	PERMITTED	PERM	NITTED	-
		IN EVERY FIRE LIFT PROVISIONS				
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE				
	FIRE FIGHTING LOBBY	SERVES AS A COMMON LOBBY FOR BOTH FIRE LIFT AND THE ADJACENT FIRE EXIT STAIRCASE	REQUIRED	7	N BUILDINGS BELOW THE LEVEL	-
		6M ² MINIMUM AREA / WOKING SPACE (LEAST SIDE DIMENSION 2.0M)		OF EXIT D	DISCHARGE	
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE				



1	APPLICATIONS		HEA	ALTH CARE OCCUPA	ANCIES - HOSPITALS		
	·	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE CILITIES	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	BUILDING AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIG	нт	UL-	UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL-	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	TYPE –B FACILITIES		RESERVED	
		HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	REQUIRED	REQ	UIRED	-	
		BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH					
	SMOKE-STOP LOBBY (VESTIBUE)	BUILDING TRAVERSES MORE THAN 5 FLOOR LEVELS INCLUDING BASEMENTS REGARDLESS OF THE HABITABLE HEIGHT.	REQUIRED	REQUIRED			
		3M ² MIN. AREA (LEAST SIDE DIMENSION 1.8M)	REQUIRED	REQ	UIRED	-	
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS		-	
	SMOKE-STOP / FIRE FIGHTING LOBBY DOORS & WALL ENCLOSURES	1.5-HR FIRE PROTECTION RATING (FPR) / 2-HRS FIRE RESISTANCE RATING (FRR)	REQUIRED	REQ	UIRED	-	
6	HORIZONTAL EXITS	AS PER CHAPTER 7 AND 18 OF NFPA 101	PERMITTED	PERM	MITTED	-	
	HORIZONTAL EXIT DOORS	APPROVED VISION PANEL	REQUIRED	REQ	UIRED		
	HORIZONTAL EXTI DOORS	CENTRAL MULLIONS IN DOOR OPENINGS	NOT PERMITTED	NOT PE	RMITTED		
7	EXIT PASSAGEWAYS	ENCLOSURE AND SEPARATION FIRE RESISTANCE RATING COMPLYING WITH CHAPTER 7	REQUIRED	REQ	UIRED	-	
		MIN. WIDTH NOT LESS THAN ¾ EXIT STAIR WIDTH	REQUIRED	REQ	UIRED	-	
8	ESCALATORS & MOVING WALKS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PE	RMITTED	-	
9	FIRE ESCAPE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	MITTED	-	
10	FIRE ESCAPE LADDERS	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED	NOT PE	RMITTED	-	
11	SLIDE ESCAPES	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED	NOT PE	RMITTED	-	
12	ALTERNATING TREAD DEVICES	COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED	NOT PE	RMITTED		
13	AREAS OF REFUGE	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	-	
14	ELEVATORS	AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PE	RMITTED		
14	ELEVATORS	AS SECOND MEANS OF EGRESS	NOT APPLICABLE	NOT AP	PLICABLE		
	ELEVATOR DOORS	OPENING INTO EXIT ENCLOSURES	NOT PERMITTED	NOT PE	RMITTED	-	



ı	APPLICATIONS		HEA	ALTH CARE OCCUPA	ANCIES - HOSPITALS		
	-	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI				
Ш	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIREMENTS			BUILDING AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIGHT		UL – UNLIMITED AREA		
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL -	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В	FACILITIES	RESERVED	
С	CAPACITY OF MEANS OF EGRESS						
		NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTOR	REQUIRED	REQ	UIRED		
1	OCCUPANT LOAD	INPATIENT TREATMENT DEPARTMENTS	22.3	2	2.3	-	
		SLEEPING DEPARTMENTS	11.1	11.1		-	
2	EGRESS CAPACITY	NFPA 101 TABLE 7.3.3.1 CAPACITY FACTORS	REQUIRED	REQ	UIRED	-	
		AS EXIT ACCESS IN HOSPITALS & NURSING HOME	2440MM	2440MM 1830MM 1120		-	
3	AISLE, CORRIDORS AND RAMPS	AS REQUIRED AS EXIT ACCESS IN LIMITED CARE FACILITY OR HOSPITAL FOR PSYCHIATRIC CARE	1830MM			-	
		NOT INTENDED FOR IN-PATIENTS	1120MM			-	
	CROSS CORRIDOR DOORS OPENING INTO	PAIRS OF DOORS	2110MM	211	0MM	-	
	CORRIDORS WITH THE REQUIRED WIDTH OF 2440MM	SINGLE DOOR	1055MM	105	5MM	-	
	CROSS CORRIDOR DOORS OPENING INTO	PAIRS OF DOORS	1625MM	162	5MM	-	
	CORRIDORS WITH THE REQUIRED WIDTH OF 1830MM	SINGLE DOOR	810MM	810	DMM	-	
	NO-CONTINUOUS PROJECTIONS / PROJECTIONS INTO THE REQUIRED WIDTH	COMPLYING WITH NFPA 101 CHAPTER 18	REQUIRED	REQ	UIRED	-	
		HOSPITALS AND NURSING HOMES	1055MM	105	5MM	=	
	DOORS MINIMUM CLEAR WIDTH IN SLEEPING ROOMS, DIAGNOSTIC AND TREATMENT AREAS	PSYCHIATRIC HOSPITALS AND LIMITED CARE FACILITIES	810MM	810	MMO	-	
4	(X-RAY, SURGERY OR PHYSICAL THERAPY) AND	NOT SUBJECT TO HEALTH CARE OCCUPANT	810MM	810	DMM	-	
	NURSERY ROOMS	EXIT STAIR ENCLOSURE	810MM	810	DMM	-	
		NEWBORN NURSERIES	810MM	810	DMM	•	
		CLEAR WIDTH OF NOT LESS THAN 1 DOOR	810MM	810	MM	-	
	PAIRS OF DOORS	RABBET, BEVEL/ASTRAGAL AT THE MEETING EDGE	REQUIRED	REQ	UIRED	-	
		AUTOMATIC FLUSH BOLT TO PROVIDE POSITIVE LATCHING IN THE INACTIVE DOOR LEAF	REQUIRED	REQ	UIRED	-	



ı	APPLICATIONS		HEALTH CARE OCCUPANCIES - HOSPITALS					
		HIATRIC HOSPITALS / NURSING HOMES / LIMITED CARE FACILITIES	•			IPANTS INCAPABLE C		
ш	OCCUPANCY CLASSIFICATION**	TAGETTES		G HEIGHT REQUIRE	1		G AREA REQUIREN	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE		/ HABITABLE HEIG	_		- UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE HEIGHT UL -		UL-	UNLIMITED ARE	4	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES		RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FA	CILITIES	ТҮРЕ –В	FACILITIES	RESE	RVED
D	NUMBER OF EXITS	COMPLYING WITH NFPA 101 CHAPTER 7						
		SERVING ALL FLOOR LEVELS	NOT PERM	MITTED	NOT PE	RMITTED		
1	SINGLE EXIT	IN MEZZANINES OR ANY SECTION WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERMIT	TTED	PERM	PERMITTED		
1	SINGLE EXIT	SLEEPING & NON SLEEPING ROOMS OPENING DIRECTLY INTO THE CORRIDOR WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERMIT	TTED	PERMITTED		-	
		MORE THAN 50 - 500 OCCUPANTS	REQUI	RED	REQUIRED		-	
		ON EVERY STORY	REQUI	RED	REQU	UIRED		
2	TIMO (3) CEDADATE EVITO	ACCESSIBLE FROM EVERY PART OF EVERY STORY	REQUI	RED	REQU	UIRED		
2	TWO (2) SEPARATE EXITS	SMOKE COMPARTMENTS	REQUIRED		REQU	UIRED		
		PATIENTS SLEEPING ROOM >93M ²	REQUI	REQUIRED REQUIRED		UIRED		
		NON-SLEEPING ROOMS >230M ²	REQUI	RED	REQU	UIRED		
3	THREE (3) SEPARATE EXITS	EQUAL OR MORE THAN 500 OCCUPANTS	REQUI	RED	REQU	UIRED		
4	FOUR (4) SEPARATE EXITS	EQUAL OR MORE THAN 1000 OCCUPANTS	REQUI	RED	REQU	UIRED		
E	ARRANGEMENT OF EXITS	NS*-NOT SPRINKLERED / S**-SPRINKLERED	NS*	S**	NS*	S**	NS*	S**
1	TRAVEL DISTANCE	MAXIMUM TRAVEL DISTANCE INCLUDES EXIT TRAVEL FROM NON-PATIENT CARE SUITES	N/A	61M	NA	61M	-	-
	SLEEPING SUITE	ANY POINT IN A SLEEPING SUITE & AN EXIT ACCESS DOOR	NA	30	NA	30	-	-
		BETWEEN ANY POINT IN A SLEEPING SUITE & EXIT	NA	61M	NA	61M	-	-
	DATIFALT CARE NON CLEEDING CULTES	WITHIN A NON-SLEEPING SUITES TO AN EXIT ACCESS DOOR	NA	30	NA	30	-	-
	PATIENT CARE NON-SLEEPING SUITES	BETWEEN ANY POINT IN A SLEEPING SUITE & AN EXIT	NA	61M	NA	61M	-	-
2	COMMON PATH LIMIT	NFPA 101 TABLE A.7.6	NA	30M	NA	30M	-	-
3	DEAD-END CORRIDOR	NFPA 101 TABLE A.7.6	NA	9.1M	NA	9.1M	-	-



1	APPLICATIONS			HEA	ALTH CARE OCCUPA	NCIES - HOSPITALS		
	GENERAL AND SPECIALTY HOSPITALS / PSYCHIA FA	TRIC HOSPITALS / N	IURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI				
II	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIREMENTS BU			NG AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE		≥28M HABITABLE HEIG	НТ	UL -	UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIG	H RISE	LESS THAN 28M HABITABLE	HEIGHT	UL -	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HE	ALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINI	MUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В І	FACILITIES	RESERVED	
		COMPLYING WIT	H NFPA 101 CHAPTER 18	REQUIRED	REQU	JIRED	-	
		MAXIMUM SIZE		700M²	700M²		-	
4	SLEEPING SUITE ARRANGEMENT	MAXIMUM	PROVIDED WITH STAFF DIRECT VISUAL SUPERVISION					
		SIZES CONDITIONS*	TOTAL COVERAGE (COMPLETE) AUTOMATIC SMOKE DETECTION	930M ² PERMITTED WITH CONDITIONS*		AITTED WITH TIONS*	<u>-</u>	
_	DATIFALT CARE MON CLEEPING CHITES	COMPLYING WIT	H NFPA 101 CHAPTER 18	REQUIRED	REQUIRED		-	
5	PATIENT CARE NON-SLEEPING SUITES	MAXIMUM SIZE		930M²	930	DM²	-	
6	NON-PATIENT-CARE SUITES		DNS IN ACCORDANCE WITH THE D OCCUPANCY OF SPACE	REQUIRED	REQUIRED		-	
7	EXIT DISCHARGE						-	
	EXTERIOR DISCHARGE (DIRECT TO BUILDING EXTERNAL)	COMPLYING WIT	H NFPA 101	REQUIRED	REQU	JIRED	-	
	THROUGH AREAS ON LEVEL OF EXIT	MAXIMUM 10M EXTERNAL	TRAVEL DISTANCE TO BUILDING	PERMITTED	PERM	IITTED	-	
	DISCHARGE		NUMBER OF EXITS AND 50% OF APACITY (SPRINKLER PROTECTED)	PERMITTED	PERMITTED		-	
8	EXTERIOR WAYS OF EXIT	COMPLYING WIT	H NFPA 101	PERMITTED	PERIV	IITTED	-	
9	ACCESSIBLE MEANS OF EGRESS	EXIT PROVISIONS MOBILITY IMPAIR	FOR PEOPLE WITH SEVERE	REQUIRED	REQU	JIRED	-	
		NOT LESS THAN 2	! EXITS	REQUIRED	REQU	JIRED	-	
10	ILLUMINATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101		REQUIRED	REQU	JIRED	-	
11	EMERGENCY LIGHTING	COMPLYING WIT	H CHAPTER 7 NFPA 101	REQUIRED	REQU	JIRED	-	
	EQUIPPED WITH LIFE SUPPORT SYSTEM	THE LIFE SAFET	HTING EQUIPMENT SUPPLIED BY Y BRANCH OF THE ELECTRICAL NFPA 99 HEALTH CARE FACILITIES	REQUIRED	REQU	JIRED	-	



ı	APPLICATIONS		HEA	ALTH CARE OCCUPA	NCIES - HOSPITALS	
		TRIC HOSPITALS / NURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI			
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	G AREA REQUIREMENTS
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIG	НТ	UL-	- UNLIMITED AREA
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL-	- UNLIMITED AREA
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В	FACILITIES	RESERVED
		COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		-
12	MARKINGS OF MEANS OF EGRESS	ACCESS TO EXITS WITHIN SLEEPING ROOMS WHERE STAFF IS RESPONSIBLE FOR RELOCATING OR EVACUATING OCCUPANTS	NOT REQUIRED	NOT RE	QUIRED	
	ILLUMINATION OF REQUIRED EXIT AND DIRECTIONAL SIGNS	SUPPLIED BY THE LIFE SAFETY BRANCH OF THE ELECT'L SYSTEM (NFPA 99 HEALTH CARE CODE)	REQUIRED	REQUIRED		-
	DIRECTIONAL SIGNS	SELF-LUMINOUS EXIT SIGNS	PERMITTED	PERMITTED		•
F	SPECIAL MEANS OF EGRESS PROVISIONS					
1	FIREMEN ACCESS PANELS	HABITABLE HEIGHT EXCEEDING 10M	REQUIRED	REQUIRED		•
2	REFUGE FLOORS	BUILDING EXCEEDING 30 STORIES	REQUIRED	NOT REQUIRED		•
3	ELEVATORS FOR OCCUPANT CONTROLLED EVACUATION PRIOR TO PHASE I EMERGENCY RECALL OPERATIONS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	IITTED	-
٧	INTERIOR FINISH CONTENTS AND FURNISHING					
Α	INTERIOR FINISH	COMPLYING WITH CHAPTER 10 OF NFPA 101				
1	INTERIOR WALL & CEILING FINISHES	REQUIRED	CLASS A	CLA	SS A	-
	WALLS & CEILINGS IN INDIVIDUAL ROOM	HAVING A CAPACITY NOT EXCEEDING FOR (4) PERSONS	CLASS A OR CLASS B	CLASS A C	OR CLASS B	-
	CORRIDORS WALLS	NOT EXCEEDING 1220MM IN HEIGHT	CLASS A OR CLASS B	CLASS A C	OR CLASS B	•
2	INTERIOR FLOOR FINISHES	EXIT ENCLOSURES AND EXIT ACCESS CORRIDORS	CLASS I OR CLASS II	CLASS I C	R CLASS II	-
VI	FEATURES OF FIRE PROTECTION (NFPA 5000 TAB	LES 7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)				
Α	CONSTRUCTION	COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000				
1	CONSTRUCTION TYPE	IN ACCORDANCE WITH TABLE 18.1.6.1 NFPA 101	REQUIRED	REQI	JIRED	-
В	COMPARTMENTATION	COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQ	JIRED	
1	FIRE BARRIERS	COMPLYING WITH NFPA 101 & NFPA 5000	1-HOUR FRR*	1-HOU	IR FRR*	
2	SEPARATION FROM OTHER OCCUPANCIES	COMPLYING WITH NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQ	JIRED	



ı	APPLICATIONS		HEA	ALTH CARE OCCUPA	NCIES - HOSPITALS		
	1	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE CILITIES	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI:				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIREMENTS BUILDING			IG AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIGHT		UL – UNLIMITED AREA		
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL –	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES TYPE -B I		FACILITIES	RESERVED	
3	CORRIDORS						
	CORRIDOR WALLS	FORM AS FIRE BARRIER TO LIMIT TRANSFER OF SMOKE	REQUIRED	REQU	JIRED		
	CORRIDOR DOORS	CONSTRUCTED TO RESIST PASSAGE OF SMOKE	REQUIRED	REQU	JIRED		
		COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQUIRED			
		DIVIDE EVERY STORY USED BY INPATIENTS FOR SLEEPING OR TREATMENT	NOT LESS THAN 2 SMOKE COMPARTMENTS		IAN 2 SMOKE RTMENTS		
		DIVIDE EVERY STORY HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS REGARDLESS OF USE	NOT LESS THAN 2 SMOKE COMPARTMENTS	NOT LESS THAN 2 SMOKE COMPARTMENTS			
4	SUBDIVISION OF BUILDING SPACES / SMOKE BARRIERS	SIZE LIMIT OF EACH COMPARTMENT (UNLESS THE AREA IS AN ATRIUM WHERE NO LIMIT IN SIZE IS REQUIRED)	NOT EXCEEDING 2100M ²	NOT EXCEEDING 2100M ²			
		LIMIT THE TRAVEL DISTANCE FROM ANY POINT TO REACH A DOOR IN THE REQUIRED SMOKE BARRIER	61M	61	ıM		
		REQUIRED SEPARATION	1-HOUR FRR*	1-HOU	R FRR*		
	EXEMPTION TO THE REQUIRED SMOKE BARRIERS	STORIES THAT DO NOT CONTAIN HEALTHCARE OCCUPANCY LOCATED DIRECTLY ABOVE A HEALTH CARE OCCUPANCY	PERMITTED	PERM	IITTED		
		AREAS THAT DO NOT CONTAIN HEALTHCARE OCCUPANCY AND THAT ARE SEPARATED THE BY A FIRE BARRIER	PERMITTED	PERM	IITTED	-	
	EXEMPTION TO THE REQUIRED SMOKE BARRIERS	STORIES THAT DO NOT CONTAIN A HEALTH CARE OCCUPANCY AND THAT ARE MORE THAN ONE STORY BELOW	PERMITTED	PERM	IITTED	-	
		STORIES LOCATED DIRECTLY BELOW HOUSING MECHANICAL EQUIPMENT ONLY	PERMITTED 2-HOUR FRR* SEPARATED FROM THE HEALTH CARE OCCUPANCY	SEPARATED FRO	2-HOUR FRR* OM THE HEALTH CUPANCY	-	
		OPEN AIR PARKING STRUCTURES PROTECTED THROUGHOUT WITH SPRINKLER SYSTEM	PERMITTED	PERM	IITTED	-	



1	APPLICATIONS		HEALTH CARE OCCUPANCIES - HOSPITALS				
	-	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE CILITIES	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	NG AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIGHT		UL – UNLIMITED AREA		
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL –	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В	FACILITIES	RESERVED	
		SELF-CLOSING OR AUTOMATIC CLOSING	REQUIRED	REQ	UIRED	-	
		FPR**-FIRE PROTECTION RATING REQUIRED	20 MINUTES FRP	20 MIN	UTES FRP	-	
		VISION PANELS	REQUIRED	REQ	UIRED	-	
	DOORS IN THE REQUIRED SMOKE BARRIERS	LATCHING HARDWARE	NOT REQUIRED	NOT RE	QUIRED	-	
	DOORS IN THE REQUIRED SWOKE BARRIERS	STOPS AT HEADS AND SIDES OF DOOR FRAMES	REQUIRED	REQ	UIRED	-	
		RABBETS, BEVELS AND ASTRAGALS AT MEETING EDGES OF PAIRS OF DOORS	REQUIRED	REQ	UIRED	-	
		CENTER MULLION	NOT PERMITTED	NOT PERMITTED 2110MM		-	
	BAINIBALIBA CLEAR MAIDTH FOR HORIZONITAL	HOSPITALS AND NURSING HOMES	2110MM			-	
	MINIMUM CLEAR WIDTH FOR HORIZONTAL SLIDING DOORS	PSYCHAITRIC HOSPITALS AND LIMITED CARE FACILITIES	1625MM	162	5ММ	-	
C	VERTICAL OPENINGS PROTECTION	PROTECTION COMPLYING WITH NFPA CODES					
1	COMMUNICATING SPACES	COMPLYING WITH CHAPTER 8.6 NFPA 101	PERMITTED	PERM	NITTED		
2	ATRIUMS	COMPLYING WITH CHAPTER 8.6 NFPA 101	PERMITTED	PERM	NITTED	-	
3	CONVENIENCE OPENINGS	COMPLYING WITH CHAPTER 8.6 NFPA 101	PERMITTED	PERM	NITTED	-	
4	SHAFTS	COMPLYING WITH CHAPTER 8.6 NFPA 101	PERMITTED	PERM	NITTED	-	
5	MEZZANINES	COMPLYING WITH CHAPTER 8.6 NFPA 101	PERMITTED	PERM	NITTED	-	
6	CONCEALED SPACES & DRAFSTOPS	COMPLYING WITH CHAPTER 8.6 NFPA 101	REQUIRED	REQ	UIRED	-	
	EXTERIOR & INTERIOR WALL & PARTITION	FIRESTOPPED AT EACH FLOOR LEVEL, TOP STORY CEILING LEVEL & AT THE LEVEL OF SUPPORT FOR ROOFS	REQUIRED	REQ	UIRED	-	
	UNOCCUPIED ATTIC SPACES	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQ	UIRED	-	
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²	REQUIRED	REQ	UIRED	-	
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQ	UIRED	<u>-</u>	
D	HAZARDOUS AREA PROTECTION	IN ACCORDANCE WITH TABLE 18.3.2.1 NFPA 101	REQUIRED	REQ	UIRED	-	
		PROTECTION REQUIRED	NOT LESS THAN 1-HOUR FRR	NOT LESS THA	N 4 HOUR FRR		



I	APPLICATIONS		HEA	ALTH CARE OCCUPA	NCIES - HOSPITALS	
	·	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE CILITIES	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI			
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	G AREA REQUIREMENTS
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIG	нт	UL-	- UNLIMITED AREA
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL-	- UNLIMITED AREA
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В І	ACILITIES	RESERVED
VII	FIRE PROTECTION					
Α	DETECTION ALARM AND COMMUNICATION SYSTEMS					
1	FIRE ALARM SYSTEM	AUTOMATIC AND MANUAL SYSTEM	REQUIRED	REQU	JIRED	-
В	EXTINGUISHING REQUIREMENTS	COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	REQUIRED	REQUIRED		-
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED	REQUIRED		-
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQUIRED	REQUIRED		-
3	STANDPIPE SYSTEM	BUILDING EXCEEDING 9M IN HEIGHT	REQUIRED	REQUIRED		-
4	FIRE HOSE REELS	25MM DIAMETER HOSE	REQUIRED	REQUIRED		-
		THROUGHOUT PROTECTION	REQUIRED	REQU	JIRED	-
5	AUTOMATIC SPRINKLER SYSTEM	PROVIDED IN LIEU OF THE REQUIRED DRAFSTOPS IN CONCEALED SPACES	PERMITTED	PERM	IITTED	-
6	OTHER EXTINGUISHING EQUIPMENT	COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	REQUIRED	REQU	JIRED	-
VIII	BUILDING SERVICES PROTECTION (ASS* AUTOM	ATIC SUPPRESSION SYSTEM)				
Α	BUILDING UTILITIES	COMPLYING WITH CHAPTER 9 NFPA 101				
1	GAS EQUIPMENT & RELATED PIPING	PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED	REQU	JIRED	-
2	ELECTRICAL SYSTEMS	COMPLYING WITH NFPA 70	REQUIRED	REQU	JIRED	-
	ELECTRICAL EQIPMENT ROOMS	AUTOMATIC SUPPRESSION SYSTEM or 2-HRS ENCLOSURE	REQUIRED	REQU	JIRED	-
	POWER FOR ALARMS, EMERGENCY, COMMUNICATION SYSTEM AND ILLUMINATION OF GENERATORS SET LOCATIONS	COMPLYING WITH NFPA 99 HEALTH CARE FACILITIES CODE	REQUIRED	REQU	JIRED	-
	LIFE-SUPPORT DEVICES	DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 99 HEALTH CARE FACILITIES CODE	REQUIRED	REQU	JIRED	-



ı	APPLICATIONS		HEA	LTH CARE OCCUPA	ANCIES - HOSPITALS		
	-	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DI				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	G AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIG	нт	UL -	UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL -	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В	FACILITIES	RESERVED	
		ATTACHED TO OCCUPIED BUILDINGS PROTECTION	3-HRS FRR* or ASS*	3-HRS FR	R* or ASS*	-	
	SUBSTATIONS & SWITCHGEARS	STANDALONE TRANSFORMER VAULT PROTECTION	3-HRS FRR* or 2-HRS with ASS	3-HRS FRR* or 2-HRS with ASS		-	
		EXPLOSION PROTECTION	ASS* & 2-HRS FRR* ENCLOSURE	ASS* & 2-HRS I	RR* ENCLOSURE	-	
3	COMMERCIAL COOKING EQUIPMENT	COMPLYING WITH NFPA 96	REQUIRED	REQ	UIRED	-	
	KITCHEN/PANTRY	ENCLOSURE FRR*	NOT REQUIRED	NOT R	QUIRED	-	
	COOKING EQUIPMENT	EQUIPMENT USED ONLY FOR FOOD WARMING	PERMITTED	PERM	NITTED	-	
4	ELEVATORS, ESCALATORS & CONVEYORS	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQUIRED		-	
	FIRE FIGHTERS' EMERGENCY OPERATION	AS PER CHAP. 9 NFPA 101 & ASME A17.1/CSA B44	REQUIRED	REQUIRED		-	
В	RUBBISH CHUTE, INCINERATORS & LAUNDRY CHUTES	COMPLYING WITH NFPA 82	REQUIRED	REQUIRED		-	
	ENGLOCUEE.	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FRR*	1-HF	R FRR*	-	
	ENCLOSURES	TRAVERSES MORE THAN 3 STOREYS	2-HRS FRR*	2-HR	S FRR*	-	
	OPENING PROTECTIVE	TRAVERSES EQUAL OR LESS THAN 3 STOREYS	1-HR FPR**	1-HR	FPR**	-	
	OPENING PROTECTIVE	TRAVERSES MORE THAN 3 STOREYS	1.5-HR FPR**	1.5-HI	R FPR**	-	
С	EMERGENCY POWER SUPPLY SYSTEM	COMPLYING WITH NFPA 110	REQUIRED	REQ	UIRED	-	
1	GENERATORS	ENCLOSURE	1-HR FRR*	1-HF	R FRR*	-	
E	FIRE PUMP ROOM	COMPLYING WITH NFPA 20	REQUIRED	REQ	UIRED	-	
		MORE THAN 15.3 M FROM ANY BUILDING	1-HR FRR*	1-HF	R FRR*	-	
	ENCLOSURES	WITHIN 15.3M OR ATTACHED TO BUILDINGS	2-HRS FRR*	2-HR	S FRR*	-	
		THROUGHOUT SPRINKLER PROTECTION	1-HR FRR*	1-HF	R FRR*	-	
_	DIRECT SAFE ACCESS	EXTERNAL ACCESS WITHIN THE LEVEL OF DISCHARGE	REQUIRED	REQ	UIRED	-	
	DINECT SAFE ACCESS	WITHIN 3M FROM ANY EXIT THAT COMPLIES WITH DIRECT DISCHARGE REQUIREMENTS	PERMITTED	PERM	MITTED	-	
	ACCESS COMPONENT (UNDERGOUND	STANDARD STAIR (NON-COMBUSTIBLE MATERIAL)	REQUIRED	REQ	UIRED	-	
	LOCATION)	CAT STEEL LADDER	NOT PERMITTED	NOT PE	RMITTED	-	



	APPLICATIONS		HEALTH CARE OCCUPANCIES - HOSPITALS				
		TRIC HOSPITALS / NURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DIS				
II	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	G AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIG	нт	UL -	UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL-	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	TYPE –B F	FACILITIES	RESERVED	
F	FIRE WATER TANKS	COMPLYING WITH NFPA 22	REQUIRED	REQU	JIRED	-	
		NON-COMBUSTIBLE MATERIAL	REQUIRED	REQU	JIRED	-	
	WATER TANK MATERIALS	GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE)	PERMITTED	PERM	IITTED	-	
	DESIGN/COMPARTMENTATION	TWO (2) COMPARTMENTS	REQUIRED	REQU	JIRED	-	
G	SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 92 & NFPA 204	REQUIRED	REQU	JIRED	-	
1	VENTILATION BY ANY OF THE FOLLOWING: a. NATURAL VENTILATION;	EXIT STAIRCASES CONNECTS MORE THAN FIVE (5) STOREYS (LEVELS) INCLUDING THE BASEMENTS	REQUIRED	REQUIRED		-	
	b. MECHANICAL VENTILATION BY POSITIVE VENTILATION (PRESSURIZATION) SYSTEM	AND/OR WHEN SMOKE-STOP &/OR FIRE FIGHTING LOBBIES ARE REQUIRED	REQUIRED	REQU	JIRED		
2	VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING:	BASEMENT LEVEL/S WITH FLOOR AREA (FA) EXCEEDING 500 SQ.M.	REQUIRED	REQL	JIRED		
	a. NATURAL VENTILATION;b. MECHANICAL VENTILATION & SMOKE CONTROL SYSTEM	VERTICAL OPENINGS, ATRIUMS & OTHER LARGE VOLUME OF SPACES	REQUIRED	REQU	JIRED		
н	AIR-CONDITIONING & VENTILATION SYSTEM	COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	REQUIRED	REQL	JIRED	-	
1	HEATING VENTILATING AND AIR- CONDITIONING SYSTEM	COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	REQUIRED	REQU	JIRED		
	CONDITIONING STSTEW	IN ALL AREAS/COMPARTMENTS	REQUIRED	REQU	JIRED		
ı	OPERATING FEATURES						
1	EVACUATION AND RELOCATION PLAN AND FIRE DRILLS	COMPLYING WITH NFPA 101	REQUIRED	REQU	JIRED	<u>-</u>	
J	PROCEDURES IN CASE OF FIRE						
1	PROTECTION OF PATIENTS		REQUIRED	REQU	JIRED		
2	FIRE SAFETY PLAN		REQUIRED	REQU	JIRED		
3	STAFF RESPONSE		REQUIRED	REQU	JIRED	-	



1	APPLICATIONS			HEA	ALTH CARE OCCUPA	NCIES - HOSPITALS		
	GENERAL AND SPECIALTY HOSPITALS / PSYCHIAT	TRIC HOSPITALS / N	URSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FA AGE, PHYSICAL OR MENTAL DIS				
П	OCCUPANCY CLASSIFICATION**			BUILDING HEIGHT REQUIRE	MENTS	BUILDING	G AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE		≥28M HABITABLE HEIG	HT UL		. – UNLIMITED AREA	
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIG	H RISE	LESS THAN 28M HABITABLE	HEIGHT	UL-	. – UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEA	ALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS		TYPE- A FACILITIES	TYPE –B FACILITIES		RESERVED	
к	MAINTENANCE OF MEANS OF EGRESS	-	MNANCE TO ENSURE IF THE METHOD OF EVACUATION	REQUIRED	REQUIRED		-	
1	SMOKING	ADOPT SMOKING	REGULATIONS	SMOKING SHALL BE PROHIBITED IN ALL AREAS OF A HEALTH CARE FACILITY	SMOKING SHALL BE PROHIBITED IN ALL AREAS OF A HEALTH CARE FACILITY		-	
L	FURNISHING, MATTRESSES AND DECORATION	COMPLYING WITH	NFPA 101				-	
1	SOILED LINEN AND TRASH	MAXIMUM CAPA	CITY	NOT MORE THAN 121 Liters	NOT MORE T	HAN 121 Liters	-	
		WITHIN A 6M² AREA NOT MORE THAN 20.4 L/M²		NOT MORE THAN 20.4 L/M ²		-		
		0.75	MOBILE SOILED LINEN OR TRASH COLLECTION RECEPTACLE	NOT MORE THAN 121 Liters	NOT MORE T	HAN 121 Liters	-	
2	SOLID LINEN AND TRASH COLLECTION RECEPTACLES	SIZE REQUIREMENT	AVERAGE DENSITY OF CONTAINER CAPACITY IN A ROOM OR SPACE	MORE THAN 121 Liters PERMITTED IF LOCATED WITHIN A ROOM PROTECTED AS HAZARDOUS AREA	IF LOCATED W	Liters PERMITTED /ITHIN A ROOM HAZARDOUS AREA	-	
			CONTAINER SIZE AND DENSITY WITHIN A HAZARDOUS AREA	UNLIMITED	UNLI	MITED	-	
	CLEAN WASTE OR PATIENTS RECORD AWAITING	MAXIMUM CAPA	CITY	NOT MORE THAN 363 Liters	NOT MORE T	HAN 363 Liters	-	
	CONTAINERS FOR RECYCLYING CLEAN WASTE OR PATIENTS RECORD AWAITING DESTRUCTION	SIZE REQUIREMENT	CONTAINERS	MORE THAN 363 Liters PERMITTED IF LOCATED WITHIN A ROOM PROTECTED AS HAZARDOUS AREA	IF LOCATED W	Liters PERMITTED /ITHIN A ROOM HAZARDOUS AREA	-	
	CONTAINERS FOR RECYCLYING CLEAN WASTE OR PATIENTS RECORD AWAITING	SIZE	CONTAINER SIZE WITHIN A HAZARDOUS AREA	UNLIMITED	UNLI	MITED	-	
	DESTRUCTION	REQUIREMENT	CONTAINERS FOR COMBUSTIBLES	LABELED AND LISTED	LABELED A	AND LISTED	-	
М	PORTABLE SPACE-HEATING DEVICES	PROHITED UNLES	S THE FF. CRITERIA ARE MET:					
		IN NON-SLEEPING	STAFF AND EMPLOYEES AREA	PERMITTED	PERM	NITTED	-	
		HEATING ELEMEN	IT DOES NOT EXCEED 100°C	REQUIRED	REQ	UIRED	-	



BUILDING PLAN - FIRE SAFETY GUIDE

ı	APPLICATIONS		HEA	HEALTH CARE OCCUPANCIES - HOSPITALS			
	GENERAL AND SPECIALTY HOSPITALS / PSYCHIA	TRIC HOSPITALS / NURSING HOMES / LIMITED CARE	IN-PATIENTS; PROVIDE SLEEPING FACILITIES FOR OCCUPANTS INCAPABLE OF SELF-PRESERVATION DUE TO				
	FACILITIES		AGE, PHYSICAL OR MENTAL DISABILITIES OR SECURITY MEASURES NOT UNDER THEIR CONTROL.				
П	OCCUPANCY CLASSIFICATION**		BUILDING HEIGHT REQUIRE	MENTS	BUILDING	G AREA REQUIREMENTS	
Α	TYPE A HEALTH CARE FACLITIES	HIGH-RISE	≥28M HABITABLE HEIG	нт	UL – UNLIMITED AREA		
В	TYPE B HEALTH CARE FACILITIES	OTHER THAN HIGH RISE	LESS THAN 28M HABITABLE	HEIGHT	UL-	UNLIMITED AREA	
С	AMBULATORY HEALTH CARE FACILITIES	OUT-PATIENT HEALTH CARE FACILITIES	RESERVED			RESERVED	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	TYPE- A FACILITIES	ТҮРЕ –В	FACILITIES	RESERVED	
N	CONSTRUCTION, REPAIR AND IMPROVEMENT OPERATIONS	COMPLYING WITH CHAPTER 4 NFPA 101	REQUIRED	REC	UIRED	-	
		COMPLYING WITH NFPA 241 STANDARD FOR SAFEGUARDING CONSTRUCTION ALTERATION AND DEMOLITION OPERATION	REQUIRED	REC	UIRED	-	

Note:

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

^{*}This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

^{**}Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

^{*}FPR*-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

^{*}NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

STORAGE OCCUPANCIES

1	APPLICATIONS		STORAG	E OCCUPANCIES - STORE AND WARE	HOUSES	
	WAREHOUSE / BARNS / BULK OIL STORAGE / COLD STORAGE / GRAIN ELEVATORS / FREIGHT TERMINALS / HANGARS (FOR STORAGE ONLY) / TRUCKS & MARINE TERMINALS / PARKING STRUCTURES		AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.			
II	OCCUPANCY CLASSIFICATION	BUIL	DING AREA AND HEIGHT REQUIREM	ENTS		
Α	LOW HAZARD STORAGE		IN ACCORDANCE WITH			
В	ORDINARY HAZARD STORAGE		NFPA 5000 CHAPTER 7 TABLE 7.4.1			
С	HIGH HAZARD STORAGE	FOR THE ALLOWABLE BUILDING HEIGHT AND AREA REQUIREMENTS				
D	STORAGE USE CONSIDERED AS LOW HAZARDS:	STORAGE USE OTHER THAN LOW F	IAZARDS:			
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COACOILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROFRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONOR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOMETAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PA	IETAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / INTED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH TAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / RTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF I OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES ND DRYERS	BASKETS / BELTING, CANVAS AND LEAT INCLUDING CLOTH COVERED, PEARL, OF APPAREL / CORDAGE / FURNITURE / FUI THAN CELLULOID / LEATHER / LINOLEU WITH A FLASH POINT OF 200°F (93°C) OI	OSOLS, LEVEL 2 AND LEVEL 3 / AIRCRAFT HANGARS / BAGS, CLOTH, BURLAP, AND PAPER / BAMBOO AND RATTAN / KETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / BUTTONS, LUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / CLOTHING, WOOLEN WEARING AREL / CORDAGE / FURNITURE / FURS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COMBS, OTHER N CELLULOID / LEATHER / LINOLEUM / LUMBER / PETROLEUM WAREHOUSES FOR STORAGE OF LUBRICATING OILS H A FLASH POINT OF 200°F (93°C) OR HIGHER / PHOTO ENGRAVINGS / RESILIENT FLOORING / SILKS / SOAPS / SUGAR / IS, BULK STORAGE / TOBACCO, CIGARS, CIGARETTES, AND SNUFF / UPHOLSTERY AND MATTRESSES / WAX CANDLES		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD	
III	BUILDING AND SITE ACCESS FOR FIRE FIGHTING & I	RESCUE				
Α	SITE ACCESS	4.0M MINIMUM CLEAR WIDTH	REQUIRED	REQUIRED	REQUIRED	
	SITE ACCESS	4.5M MINIMUM CLEAR HEIGHT	REQUIRED	REQUIRED	REQUIRED	
		4.0M MIN. WIDTH AND 24 TON LOAD CAPACITY				
В	ACCESS ROAD	WITHIN A TRAVEL DISTANCE OF 45M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BUILDING.	REQUIRED	REQUIRED	REQUIRED	
		LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING				
c	FIRE ENGINE HARDSTANDING	6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING	REQUIRED	REQUIRED	REQUIRED	
		POSITIONED SO THAT THE NEARER EDGE SHALL NOT BE LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING, MEASURED HORIZONTALLY.				



	1				
ı	APPLICATIONS		STORAG	E OCCUPANCIES - STORE AND WARE	HOUSES
	TERMINALS / HANGARS (FOR STORAGE ONL	COLD STORAGE / GRAIN ELEVATORS / FREIGHT Y) / TRUCKS & MARINE TERMINALS / PARKING CTURES	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSOI IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
II	OCCUPANCY CLASSIFICATION		BUIL	DING AREA AND HEIGHT REQUIREM	ENTS
Α	LOW HAZARD STORAGE			IN ACCORDANCE WITH	
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1	
С	HIGH HAZARD STORAGE	FOR THE ALLOW	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS	
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW HAZARDS:		
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-CO. COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PRO FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CON OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BO METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PA	METAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / ATED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH TAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY BARD / INERT PIGMENTS / IVORY / MEEATS / METAL CABINETS / RTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF N OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES AND DRYERS	AEROSOLS, LEVEL 2 AND LEVEL 3 / AIRCRAFT HANGARS / BAGS, CLOTH, BURLAP, AND PAPER / BAMBOO AND RATTA BASKETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / BUTTO INCLUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / CLOTHING, WOOLEN WEAR APPAREL / CORDAGE / FURNITURE / FURS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COMBS, OTI THAN CELLULOID / LEATHER / LINOLEUM / LUMBER / PETROLEUM WAREHOUSES FOR STORAGE OF LUBRICATING OWITH A FLASH POINT OF 200°F (93°C) OR HIGHER / PHOTO ENGRAVINGS / RESILIENT FLOORING / SILKS / SOAPS / SUG TIRES, BULK STORAGE / TOBACCO, CIGARS, CIGARETTES, AND SNUFF / UPHOLSTERY AND MATTRESSES / WAX CANDLES		ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	000000000000000000000000000000000000000	
	TINE SALLIT FROVISIONS	IVIIIVIIVIOIVI NEQUINEIVIEN 13	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
D	FIRE COMMAND CENTER	PROVISIONS IN OTHER THAN HIGH-RISE BUILDINGS EQUIPPED WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL SYSTEM	REQUIRED	REQUIRED	REQUIRED
D		PROVISIONS IN OTHER THAN HIGH-RISE BUILDINGS EQUIPPED WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL		-	
D E		PROVISIONS IN OTHER THAN HIGH-RISE BUILDINGS EQUIPPED WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL SYSTEM 9M² MINIMUM FLOOR AREA (LEAST DIMENSION	REQUIRED	REQUIRED	REQUIRED
	FIRE COMMAND CENTER	PROVISIONS IN OTHER THAN HIGH-RISE BUILDINGS EQUIPPED WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL SYSTEM 9M² MINIMUM FLOOR AREA (LEAST DIMENSION 2.5M) SERVING ALL HABITABLE FLOORS AND LOCATED	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN
E	FIRE COMMAND CENTER FIRE LIFT	PROVISIONS IN OTHER THAN HIGH-RISE BUILDINGS EQUIPPED WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL SYSTEM 9M² MINIMUM FLOOR AREA (LEAST DIMENSION 2.5M) SERVING ALL HABITABLE FLOORS AND LOCATED	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN
E	FIRE COMMAND CENTER FIRE LIFT MEANS OF EGRESS	PROVISIONS IN OTHER THAN HIGH-RISE BUILDINGS EQUIPPED WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL SYSTEM 9M² MINIMUM FLOOR AREA (LEAST DIMENSION 2.5M) SERVING ALL HABITABLE FLOORS AND LOCATED	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN
E	FIRE COMMAND CENTER FIRE LIFT MEANS OF EGRESS MEANS OF EGRESS GENERAL REQUIREMENTS	PROVISIONS IN OTHER THAN HIGH-RISE BUILDINGS EQUIPPED WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL SYSTEM 9M² MINIMUM FLOOR AREA (LEAST DIMENSION 2.5M) SERVING ALL HABITABLE FLOORS AND LOCATED WITHIN A DEDICATED SHAFT	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN PROVIDED AS REQUIRED	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN PROVIDED AS REQUIRED	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN PROVIDED AS REQUIRED
E	FIRE COMMAND CENTER FIRE LIFT MEANS OF EGRESS MEANS OF EGRESS GENERAL REQUIREMENTS SEPARATION OF MEANS OF EGRESS	PROVISIONS IN OTHER THAN HIGH-RISE BUILDINGS EQUIPPED WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL SYSTEM 9M² MINIMUM FLOOR AREA (LEAST DIMENSION 2.5M) SERVING ALL HABITABLE FLOORS AND LOCATED WITHIN A DEDICATED SHAFT COMPLYING WITH CHAPTER 7 NFPA 101 SERVING AN AREA HAVING AN OCCUPANT LOAD	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN PROVIDED AS REQUIRED REQUIRED	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN PROVIDED AS REQUIRED REQUIRED	REQUIRED REQUIRED TO COMPLY WITH REQUIREMENTS WHEN PROVIDED AS REQUIRED REQUIRED



					STORAGE OCCUPANCIES - STORE AND WAREHOUSES			
<u> </u>	APPLICATIONS							
	TERMINALS / HANGARS (FOR STORAGE ONL)	COLD STORAGE / GRAIN ELEVATORS / FREIGHT Y) / TRUCKS & MARINE TERMINALS / PARKING CTURES	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.					
П	OCCUPANCY CLASSIFICATION		BUIL	DING AREA AND HEIGHT REQUIREM	ENTS			
Α	LOW HAZARD STORAGE			IN ACCORDANCE WITH				
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1				
С	HIGH HAZARD STORAGE		FOR THE ALLOV	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS			
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW I	HAZARDS:				
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COA COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROD FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONT OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOA METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PAF	ETAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / ITED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH TAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / RTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES ND DRYERS	BASKETS / BELTING, CANVAS AND LEAT INCLUDING CLOTH COVERED, PEARL, OI APPAREL / CORDAGE / FURNITURE / FU THAN CELLULOID / LEATHER / LINOLEL WITH A FLASH POINT OF 200°F (93°C) O	CRAFT HANGARS / BAGS, CLOTH, BURLAP, THER / BOOKS AND PAPER IN ROLLS OR F R BONE / CARDBOARD AND CARDBOARD RS / GLUES, MUCILAGE, PASTES, AND SIZE IM / LUMBER / PETROLEUM WAREHOUSI R HIGHER / PHOTO ENGRAVINGS / RESILIE RS, CIGARETTES, AND SNUFF / UPHOLSTER	ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD			
		FIRE DOOR ASSEMBLIES EQUIPPED WITH DOOR						
	OPENING PROTECTIVE	CLOSERS	REQUIRED	REQUIRED	REQUIRED			
	CONSTRUCTION	-	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED			
		CLOSERS	•	-				
2	CONSTRUCTION OPENINGS AND PENETRATIONS IN EXIT	CLOSERS LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQUIRED	REQUIRED			
2	CONSTRUCTION OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	CLOSERS LIMITED OR NON-COMBUSTIBLE MATERIALS COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED PERMITTED	REQUIRED PERMITTED	REQUIRED PERMITTED			
2	CONSTRUCTION OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE EXITS HEADROOM	CLOSERS LIMITED OR NON-COMBUSTIBLE MATERIALS COMPLYING WITH CHAPTER 7 NFPA 101 NOT LESS THAN 2285MM	REQUIRED PERMITTED REQUIRED	REQUIRED PERMITTED REQUIRED	REQUIRED PERMITTED REQUIRED			
2	CONSTRUCTION OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE EXITS HEADROOM HEADROOM ON STAIRS	CLOSERS LIMITED OR NON-COMBUSTIBLE MATERIALS COMPLYING WITH CHAPTER 7 NFPA 101 NOT LESS THAN 2285MM NOT LESS THAN 2285MM	REQUIRED PERMITTED REQUIRED REQUIRED	REQUIRED PERMITTED REQUIRED REQUIRED	REQUIRED PERMITTED REQUIRED REQUIRED			
2 3 4	CONSTRUCTION OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE EXITS HEADROOM HEADROOM ON STAIRS HEADROOM IN INDUSTRIAL EQUIPMENT ACCESS	CLOSERS LIMITED OR NON-COMBUSTIBLE MATERIALS COMPLYING WITH CHAPTER 7 NFPA 101 NOT LESS THAN 2285MM NOT LESS THAN 2285MM AS PROVIDED IN CHAPTER 40 NFPA 101	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED			
2 3 4 5	CONSTRUCTION OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE EXITS HEADROOM HEADROOM ON STAIRS HEADROOM IN INDUSTRIAL EQUIPMENT ACCESS WALKING SURFACES IN THE MEANS OF EGRESS	CLOSERS LIMITED OR NON-COMBUSTIBLE MATERIALS COMPLYING WITH CHAPTER 7 NFPA 101 NOT LESS THAN 2285MM NOT LESS THAN 2285MM AS PROVIDED IN CHAPTER 40 NFPA 101 COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED REQUIRED	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED REQUIRED	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED REQUIRED			
4	CONSTRUCTION OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE EXITS HEADROOM HEADROOM ON STAIRS HEADROOM IN INDUSTRIAL EQUIPMENT ACCESS WALKING SURFACES IN THE MEANS OF EGRESS CHANGES IN LEVEL IN THE MEANS OF EGRESS	CLOSERS LIMITED OR NON-COMBUSTIBLE MATERIALS COMPLYING WITH CHAPTER 7 NFPA 101 NOT LESS THAN 2285MM NOT LESS THAN 2285MM AS PROVIDED IN CHAPTER 40 NFPA 101 COMPLYING WITH CHAPTER 7 NFPA 101 COMPLYING WITH CHAPTER 7 NFPA 101 AT THE OPEN SIDES OF MEANS OF EGRESS 760MM	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED	REQUIRED PERMITTED REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED			



I	APPLICATIONS		STORAG	E OCCUPANCIES - STORE AND WARE	HOUSES
	TERMINALS / HANGARS (FOR STORAGE ONL	COLD STORAGE / GRAIN ELEVATORS / FREIGHT Y) / TRUCKS & MARINE TERMINALS / PARKING CTURES	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
Ш	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS		
Α	LOW HAZARD STORAGE			IN ACCORDANCE WITH	
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1	
С	HIGH HAZARD STORAGE	FOR THE ALLOW	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS	
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW HAZARDS:		
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COACOILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROIFRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONOR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOMETAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PAI	IETAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / INTED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH TAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / RTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF I OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES ND DRYERS	BASKETS / BELTING, CANVAS AND LEAT INCLUDING CLOTH COVERED, PEARL, OI APPAREL / CORDAGE / FURNITURE / FU THAN CELLULOID / LEATHER / LINOLEL WITH A FLASH POINT OF 200°F (93°C) O	CRAFT HANGARS / BAGS, CLOTH, BURLAP, HER / BOOKS AND PAPER IN ROLLS OR F R BONE / CARDBOARD AND CARDBOARD RS / GLUES, MUCILAGE, PASTES, AND SIZE IM / LUMBER / PETROLEUM WAREHOUSI R HIGHER / PHOTO ENGRAVINGS / RESILIE RS, CIGARETTES, AND SNUFF / UPHOLSTER	ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
	FURNISHING AND DECORATION	FURNITURES OR MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED
В	MEANS OF EGRESS COMPONENTS				
1	FIRE DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	REQUIRED	REQUIRED
	SIDE-HINGE OR PIVOTED-SWINGING TIPE	MINIMUM DOOR LEAF WIDTH	810MM (32IN.)	810MM (32IN.)	810MM (32IN.)
	HORIZONTAL SLIDING DOORS	OCCUPANT LOAD OF FEWER THAN 10	PERMITTED	PERMITTED	PERMITTED
	VERTICAL ROLLING DOORS	OCCUPANT LOAD OF FEWER THAN 10	PERMITTED	PERMITTED	PERMITTED
	REVOLVING DOORS/POWERED DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	PERMITTED
	SELF-CLOSING DEVICES	IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED	REQUIRED	REQUIRED	REQUIRED
		COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED
2	STAIRS	NON-COMBUSTIBLE GRATED STAIR TREADS AND LANDINGS	PERMITTED	PERMITTED	PERMITTED
	STANDARD STAIRS	FEWER THAN 50 PERSON	915MM CLEAR WIDTH	915MM CLEAR WIDTH	915MM CLEAR WIDTH



	APPLICATIONS				STORAG	E OCCUPANCIES -	STODE AND WADE	HOLICEC	
'	WAREHOUSE / BARNS / BULK OIL STORAGE / TERMINALS / HANGARS (FOR STORAGE ONLY	• • • • • • • • • • • • • • • • • • •	•	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.					
II	OCCUPANCY CLASSIFICATION			BUILDING AREA AND HEIGHT REQUIREMENTS					
Α	LOW HAZARD STORAGE			IN ACCORDANCE WITH					
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1					
С	HIGH HAZARD STORAGE			FOR THE ALLOV	VABLE BUILDING H	IEIGHT AND AREA	REQUIREMENTS		
D	STORAGE USE CONSIDERED AS LOW HAZARDS:			STORAGE USE O	THER THAN LOW I	HAZARDS:			
	ASBESTOS / BEER OR WINE LESS THAN 12% ALCOHOL (IN M CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COACOILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PRODEFRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONTOR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOAMETAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PARDISTRIBUTION TRANSFORMERS / PARKING GARAGES, OPEN / TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AI	TED PAPER CONTAINERS / DRY PUCTS / FOODS IN NONCOMBU AINERS / FROZEN FOODS / GLA RD / INERT PIGMENTS / IVORY TS / METALS / MIRRORS / OIL- OR ENCLOSED / PORCELAIN AN	CELL BATTERIES / ELECTRICAL ISTIBLE CONTAINERS / FRESH ASS / GLASS BOTTLES, EMPTY / MEATS / METAL CABINETS / FILLED AND OTHER TYPES OF	BASKETS / BELTING INCLUDING CLOTH APPAREL / CORDAC THAN CELLULOID / WITH A FLASH POII	G, CANVAS AND LEAT COVERED, PEARL, O GE / FURNITURE / FU / LEATHER / LINOLEL NT OF 200°F (93°C) O	CRAFT HANGARS / BA THER / BOOKS AND P R BONE / CARDBOAR RS / GLUES, MUCLLAG JM / LUMBER / PETR R HIGHER / PHOTO EI RS, CIGARETTES, AND	PAPER IN ROLLS OR P D AND CARDBOARD GE, PASTES, AND SIZE ROLEUM WAREHOUS NGRAVINGS / RESILIE	ACKS / BOOTS AND BOXES / CLOTHING, N / GRAINS / HORNS A ES FOR STORAGE OF NT FLOORING / SILKS	SHOES / BUTTONS, WOOLEN WEARING ND COMBS, OTHER LUBRICATING OILS / SOAPS / SUGAR /
	FIRE SAFETY PROVISIONS	MINIMUM RE	QUIREMENTS	LOW H	IAZARD	ORDINAR	Y HAZARD	HIGH H	IAZARD
		< 2000 PERSON		1120MM CL	EAR WIDTH	1120MM CL	EAR WIDTH	1120MM CL	EAR WIDTH
	STANDARD STAIRS	≥ 2000 PERSON		1420MM CL	EAR WIDTH	1420MM CL	EAR WIDTH	1420MM CL	EAR WIDTH
	SPIRAL STAIRS	COMPLYING WITH CHAPT	ER 7 NFPA 101	PERM	IITTED	PERM	IITTED	PERM	ITTED
	CURVE STAIRS	COMPLYING WITH CHAPT	ER 7 NFPA 101	NO REQU	IREMENTS	NO REQU	IREMENTS	NO REQU	IREMENTS
	WINDERS	COMPLYING WITH CHAPT	ER 7 NFPA 101	NO REQU	IREMENTS	NO REQU	IREMENTS	NO REQU	IREMENTS
	GUARDS AND HANDRAILS	COMPLYING WITH CHAPT	ER 7 NFPA 101	REQU	JIRED	REQU	JIRED	REQU	JIRED
	OUTSIDE STAIRS	COMPLYING WITH CHAPT	ER 7 NFPA 101	PERM	IITTED	PERM	IITTED	PERM	ITTED
	ENCLOSURE AND PROTECTION OF STAIRS	COMPLYING WITH CHAPT	ER 7 NFPA 101	REQU	JIRED	REQU	JIRED	REQU	JIRED
_		INTERIOR STAIR SERVING	AS AN EXIT COMPONENT	REQU	JIRED	REQU	JIRED	REQU	JIRED
	ENCLOSURES	DOORS FRR*	≤3 STORIES/ ≥3 STORIES	1-HR FRR*	1.5-HR FRR*	1-HR FRR*	1.5-HR FRR*	1-HR FRR*	1.5-HR FRR*
		ENCLOSURES FPR**	≤3 STORIES/ ≥3 STORIES	1-HR FPR**	2-HRS FPR**	1-HR FPR**	2-HRS FPR**	1-HR FPR**	2-HRS FPR**
	ENCLOSURE EXEMPTION	PENETRATING ONE FLO MEZZANINE ONLY	OR LEVEL OR SERVING	PERM	IITTED	PERM	IITTED	PERM	ITTED



	ADDUCATIONS		STORAG	E OCCUPANCIES - STORE AND WARE	THOUSE.
	TERMINALS / HANGARS (FOR STORAGE ONLY	COLD STORAGE / GRAIN ELEVATORS / FREIGHT /) / TRUCKS & MARINE TERMINALS / PARKING CTURES	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
П	OCCUPANCY CLASSIFICATION	BUILDING AREA AND HEIGHT REQUIREMENTS			
Α	LOW HAZARD STORAGE			IN ACCORDANCE WITH	
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1	
С	HIGH HAZARD STORAGE		FOR THE ALLOV	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW I	HAZARDS:	
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COA COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROD FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONT OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOA METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PAR	TS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES	BASKETS / BELTING, CANVAS AND LEAT INCLUDING CLOTH COVERED, PEARL, OI APPAREL / CORDAGE / FURNITURE / FU THAN CELLULOID / LEATHER / LINOLEL WITH A FLASH POINT OF 200°F (93°C) O	CRAFT HANGARS / BAGS, CLOTH, BURLAP, THER / BOOKS AND PAPER IN ROLLS OR F R BONE / CARDBOARD AND CARDBOARD RS / GLUES, MUCILAGE, PASTES, AND SIZE IM / LUMBER / PETROLEUM WAREHOUSI R HIGHER / PHOTO ENGRAVINGS / RESILIE RS, CIGARETTES, AND SNUFF / UPHOLSTER	ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
	FIRE SAFETY PROVISIONS EXPOSURES	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE	LOW HAZARD 1-HR FRR*	ORDINARY HAZARD 1-HR FRR*	HIGH HAZARD 1-HR FRR*
	EXPOSURES	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY			
		WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE	1-HR FRR*	1-HR FRR*	1-HR FRR*
	EXPOSURES	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE WITHIN EXIT ENCLOSURE	1-HR FRR* NOT PERMITTED	1-HR FRR* NOT PERMITTED	1-HR FRR* NOT PERMITTED
	EXPOSURES USEABLE SPACE	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE WITHIN EXIT ENCLOSURE UNDER STAIRS IN ACCORDANCE WITH NFPA 101	1-HR FRR* NOT PERMITTED PERMITTED	1-HR FRR* NOT PERMITTED PERMITTED	1-HR FRR* NOT PERMITTED PERMITTED
	EXPOSURES USEABLE SPACE STAIRWAY IDENTIFICATION	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE WITHIN EXIT ENCLOSURE UNDER STAIRS IN ACCORDANCE WITH NFPA 101 SERVING 3 OR MORE STOREYS	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED
	EXPOSURES USEABLE SPACE STAIRWAY IDENTIFICATION EXIT STAIR PATH MARKINGS	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE WITHIN EXIT ENCLOSURE UNDER STAIRS IN ACCORDANCE WITH NFPA 101 SERVING 3 OR MORE STOREYS ALL STAIR COMPONENTS	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED
	EXPOSURES USEABLE SPACE STAIRWAY IDENTIFICATION EXIT STAIR PATH MARKINGS PERIMETER DEMARCATION MARKING	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE WITHIN EXIT ENCLOSURE UNDER STAIRS IN ACCORDANCE WITH NFPA 101 SERVING 3 OR MORE STOREYS ALL STAIR COMPONENTS COMPLYING WITH NFPA 101	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED REQUIRED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED REQUIRED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED REQUIRED
3	EXPOSURES USEABLE SPACE STAIRWAY IDENTIFICATION EXIT STAIR PATH MARKINGS PERIMETER DEMARCATION MARKING LOCK, LATCHES & ALARM DEVICES	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE WITHIN EXIT ENCLOSURE UNDER STAIRS IN ACCORDANCE WITH NFPA 101 SERVING 3 OR MORE STOREYS ALL STAIR COMPONENTS COMPLYING WITH NFPA 101 COMPLYING WITH NFPA 101	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED REQUIRED PERMITTED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED REQUIRED PERMITTED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED REQUIRED PERMITTED
3 4	EXPOSURES USEABLE SPACE STAIRWAY IDENTIFICATION EXIT STAIR PATH MARKINGS PERIMETER DEMARCATION MARKING LOCK, LATCHES & ALARM DEVICES RE-ENTRY PROVISIONS	WALLS AND OPENINGS WITHIN 3050MM HORIZONTALLY OF AN EXTERIOR STAIRWAY ENCLOSURE WITHIN EXIT ENCLOSURE UNDER STAIRS IN ACCORDANCE WITH NFPA 101 SERVING 3 OR MORE STOREYS ALL STAIR COMPONENTS COMPLYING WITH NFPA 101 COMPLYING WITH NFPA 101 LOCKED STAIRS EXCEEDING 4 STOREYS	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED REQUIRED PERMITTED REQUIRED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED PERMITTED REQUIRED PERMITTED REQUIRED	1-HR FRR* NOT PERMITTED PERMITTED REQUIRED REQUIRED REQUIRED PERMITTED REQUIRED



	ADDUCATIONS		CTORAC	F OCCUPANCIES STORE AND WAR	THOUSES	
ı	APPLICATIONS WARFULLIST / BARNS / BULK OU STORAGE /	COLD STORAGE / CRAIN FLEVATORS / FREICHT		E OCCUPANCIES - STORE AND WARE		
		COLD STORAGE / GRAIN ELEVATORS / FREIGHT Y) / TRUCKS & MARINE TERMINALS / PARKING	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON			
	STRUCTURES		IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.			
Ш	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS			
Α	LOW HAZARD STORAGE			IN ACCORDANCE WITH		
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1		
С	HIGH HAZARD STORAGE		FOR THE ALLOW	/ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS	
D	STORAGE USE CONSIDERED AS LOW HAZARDS:	STORAGE USE OTHER THAN LOW I	HAZARDS:			
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COACOILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROFRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONOR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOMETAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PADISTRIBUTION TRANSFORMERS / PARKING GARAGES, OPEN	METAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / ATED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH TAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / RTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF IN OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES	BASKETS / BELTING, CANVAS AND LEAT INCLUDING CLOTH COVERED, PEARL, OI APPAREL / CORDAGE / FURNITURE / FU THAN CELLULOID / LEATHER / LINOLEL WITH A FLASH POINT OF 200°F (93°C) O	CRAFT HANGARS / BAGS, CLOTH, BURLAP, HER / BOOKS AND PAPER IN ROLLS OR P R BONE / CARDBOARD AND CARDBOARD RS / GLUES, MUCILAGE, PASTES, AND SIZE M / LUMBER / PETROLEUM WAREHOUS R HIGHER / PHOTO ENGRAVINGS / RESILIE RS, CIGARETTES, AND SNUFF / UPHOLSTER	PACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /	
	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A	IND DRYEKS				
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD	
	, , , , ,	<u></u>	LOW HAZARD REQUIRED	ORDINARY HAZARD REQUIRED	HIGH HAZARD REQUIRED	
5	, , , , ,	MINIMUM REQUIREMENTS			<u> </u>	
5	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS ONE AT EACH 9300M ² ROOF AREA	REQUIRED	REQUIRED	REQUIRED	
5	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS ONE AT EACH 9300M ² ROOF AREA FLAT ROOFS OR ROOF PITCH < 3 IN 12	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED	
	ROOF ACCESS	MINIMUM REQUIREMENTS ONE AT EACH 9300M ² ROOF AREA FLAT ROOFS OR ROOF PITCH < 3 IN 12 STAIRS AS ACCESS WITH OPERABLE DOORS	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED	
	ROOF ACCESS SMOKE PROOF ENCLOSURES	MINIMUM REQUIREMENTS ONE AT EACH 9300M ² ROOF AREA FLAT ROOFS OR ROOF PITCH < 3 IN 12 STAIRS AS ACCESS WITH OPERABLE DOORS FRR* (FIRE RESISTANCE RATING) ALL INSIDE STAIR SERVING AS AN EXIT	REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED	
	ROOF ACCESS SMOKE PROOF ENCLOSURES	MINIMUM REQUIREMENTS ONE AT EACH 9300M² ROOF AREA FLAT ROOFS OR ROOF PITCH < 3 IN 12 STAIRS AS ACCESS WITH OPERABLE DOORS FRR* (FIRE RESISTANCE RATING) ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT	REQUIRED REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED REQUIRED	
	ROOF ACCESS SMOKE PROOF ENCLOSURES	MINIMUM REQUIREMENTS ONE AT EACH 9300M ² ROOF AREA FLAT ROOFS OR ROOF PITCH < 3 IN 12 STAIRS AS ACCESS WITH OPERABLE DOORS FRR* (FIRE RESISTANCE RATING) ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT OPEN STAIR PENETRATING ONE (1) LEVEL ONLY	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED NOT PERMITTED	
	ROOF ACCESS SMOKE PROOF ENCLOSURES	MINIMUM REQUIREMENTS ONE AT EACH 9300M ² ROOF AREA FLAT ROOFS OR ROOF PITCH < 3 IN 12 STAIRS AS ACCESS WITH OPERABLE DOORS FRR* (FIRE RESISTANCE RATING) ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT OPEN STAIR PENETRATING ONE (1) LEVEL ONLY IN EVERY FIRE LIFT PROVISIONS	REQUIRED REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED REQUIRED	
	ROOF ACCESS SMOKE PROOF ENCLOSURES	MINIMUM REQUIREMENTS ONE AT EACH 9300M ² ROOF AREA FLAT ROOFS OR ROOF PITCH < 3 IN 12 STAIRS AS ACCESS WITH OPERABLE DOORS FRR* (FIRE RESISTANCE RATING) ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT OPEN STAIR PENETRATING ONE (1) LEVEL ONLY IN EVERY FIRE LIFT PROVISIONS ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE SERVES AS A COMMON LOBBY FOR BOTH FIRE LIFT	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED REQUIRED WHEN FIRE LIFT'S	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED REQUIRED WHEN FIRE LIFT'S	REQUIRED REQUIRED REQUIRED REQUIRED NOT PERMITTED REQUIRED WHEN FIRE LIFT'S	



ı	APPLICATIONS		STORAG	E OCCUPANCIES - STORE AND WARE	HOUSES
	TERMINALS / HANGARS (FOR STORAGE ONL)	COLD STORAGE / GRAIN ELEVATORS / FREIGHT Y) / TRUCKS & MARINE TERMINALS / PARKING CTURES	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
II	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS		
Α	LOW HAZARD STORAGE			IN ACCORDANCE WITH	
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1	
С	HIGH HAZARD STORAGE		FOR THE ALLOW	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS
D	STORAGE USE CONSIDERED AS LOW HAZARDS:	STORAGE USE OTHER THAN LOW F	IAZARDS:		
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COA COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROD FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONT OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOA METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PAF	IETAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / ATED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH TAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / RTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF I OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES ND DRYERS	BASKETS / BELTING, CANVAS AND LEAT INCLUDING CLOTH COVERED, PEARL, OF APPAREL / CORDAGE / FURNITURE / FUI THAN CELLULOID / LEATHER / LINOLEU WITH A FLASH POINT OF 200°F (93°C) OI	RAFT HANGARS / BAGS, CLOTH, BURLAP, HER / BOOKS AND PAPER IN ROLLS OR P R BONE / CARDBOARD AND CARDBOARD RS / GLUES, MUCILAGE, PASTES, AND SIZE M / LUMBER / PETROLEUM WAREHOUSI R HIGHER / PHOTO ENGRAVINGS / RESILIE RS, CIGARETTES, AND SNUFF / UPHOLSTER	ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	LOW HAZARD REQUIRED	ORDINARY HAZARD REQUIRED	HIGH HAZARD REQUIRED
	FIRE SAFETY PROVISIONS	HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT	-		
	SMOKE-STOP LOBBY (S/S LOBBY)	HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	REQUIRED	REQUIRED	REQUIRED
		HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT (ASSEMBLY & HEALTHCARE OCCUPANCY) REGARDLESS OF THE	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED
		HIGH-RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT (ASSEMBLY & HEALTHCARE OCCUPANCY) REGARDLESS OF THE HABITABLE HEIGHT.	REQUIRED REQUIRED NOT APPLICABLE	REQUIRED REQUIRED NOT APPLICABLE	REQUIRED REQUIRED NOT APPLICABLE
		HIGH–RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT (ASSEMBLY & HEALTHCARE OCCUPANCY) REGARDLESS OF THE HABITABLE HEIGHT. 3M² MIN. AREA (LEAST SIDE DIMENSION 1.8M)	REQUIRED REQUIRED NOT APPLICABLE REQUIRED NOT REQUIRED IF EXITS COMPLIES WITH EXIT	REQUIRED REQUIRED NOT APPLICABLE REQUIRED NOT REQUIRED IF EXITS COMPLIES WITH EXIT	REQUIRED REQUIRED NOT APPLICABLE REQUIRED NOT REQUIRED IF EXITS COMPLIES WITH EXIT
7	SMOKE-STOP LOBBY (S/S LOBBY) SMOKE-STOP LOBBY AND FIRE FIGHTING LOBBY	HIGH–RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT (ASSEMBLY & HEALTHCARE OCCUPANCY) REGARDLESS OF THE HABITABLE HEIGHT. 3M² MIN. AREA (LEAST SIDE DIMENSION 1.8M) PROVISIONS AT THE LEVEL OF EXIT DISCHARGE 1.5-HR FPR** FIRE PROTECTION RATING/ 2-HRS	REQUIRED REQUIRED NOT APPLICABLE REQUIRED NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS REQUIRED WHEN LOBBY'S	REQUIRED REQUIRED NOT APPLICABLE REQUIRED NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS REQUIRED WHEN LOBBY'S	REQUIRED REQUIRED NOT APPLICABLE REQUIRED NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS REQUIRED WHEN LOBBY'S



ı	APPLICATIONS		STORAG	E OCCUPANCIES - STORE AND WARE	HOUSES		
	TERMINALS / HANGARS (FOR STORAGE ONL	COLD STORAGE / GRAIN ELEVATORS / FREIGHT Y) / TRUCKS & MARINE TERMINALS / PARKING CTURES	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.				
П	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS				
Α	LOW HAZARD STORAGE			IN ACCORDANCE WITH			
В	ORDINARY HAZARD STORAGE		NFPA 5000 CHAPTER 7 TABLE 7.4.1				
С	HIGH HAZARD STORAGE		FOR THE ALLOV	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS		
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW HAZARDS:				
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COACOILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROFRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONOR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOMETAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PA	IETAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / ITED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH FAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / RTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF I OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES ND DRYERS	BASKETS / BELTING, CANVAS AND LEAT INCLUDING CLOTH COVERED, PEARL, OI APPAREL / CORDAGE / FURNITURE / FU THAN CELLULOID / LEATHER / LINOLEL WITH A FLASH POINT OF 200°F (93°C) O	CRAFT HANGARS / BAGS, CLOTH, BURLAP, THER / BOOKS AND PAPER IN ROLLS OR F R BONE / CARDBOARD AND CARDBOARD RS / GLUES, MUCILAGE, PASTES, AND SIZE IM / LUMBER / PETROLEUM WAREHOUSI R HIGHER / PHOTO ENGRAVINGS / RESILIE RS, CIGARETTES, AND SNUFF / UPHOLSTER	ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD		
	EXIT PASSAGEWAYS	MINIMUM WIDTH NOT LESS THAN ¾ OF THE WIDTH OF THE EXIT STAIR	REQUIRED	REQUIRED	REQUIRED		
9	EXIT PASSAGEWAYS ESCALATORS & MOVING WALKS		REQUIRED NOT PERMITTED	REQUIRED NOT PERMITTED	REQUIRED NOT PERMITTED		
9		WIDTH OF THE EXIT STAIR	•	,			
	ESCALATORS & MOVING WALKS	WIDTH OF THE EXIT STAIR AS PART OF THE REQUIRED MEANS OF EGRESS	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED		
10	ESCALATORS & MOVING WALKS FIRE ESCAPE STAIRS	WIDTH OF THE EXIT STAIR AS PART OF THE REQUIRED MEANS OF EGRESS COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED PERMITTED	NOT PERMITTED PERMITTED	NOT PERMITTED PERMITTED		
10 11	ESCALATORS & MOVING WALKS FIRE ESCAPE STAIRS FIRE ESCAPE LADDERS	WIDTH OF THE EXIT STAIR AS PART OF THE REQUIRED MEANS OF EGRESS COMPLYING WITH CHAPTER 7 NFPA 101 COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED PERMITTED PERMITTED	NOT PERMITTED PERMITTED PERMITTED	NOT PERMITTED PERMITTED NOT PERMITTED		
10 11 12	ESCALATORS & MOVING WALKS FIRE ESCAPE STAIRS FIRE ESCAPE LADDERS SLIDE ESCAPES	WIDTH OF THE EXIT STAIR AS PART OF THE REQUIRED MEANS OF EGRESS COMPLYING WITH CHAPTER 7 NFPA 101 COMPLYING WITH CHAPTER 7 NFPA 101 COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED PERMITTED PERMITTED PERMITTED	NOT PERMITTED PERMITTED PERMITTED PERMITTED	NOT PERMITTED PERMITTED NOT PERMITTED PERMITTED		
10 11 12 13 14	ESCALATORS & MOVING WALKS FIRE ESCAPE STAIRS FIRE ESCAPE LADDERS SLIDE ESCAPES ALTERNATING TREAD DEVICES AREAS OF REFUGE	WIDTH OF THE EXIT STAIR AS PART OF THE REQUIRED MEANS OF EGRESS COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED	NOT PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED	NOT PERMITTED PERMITTED NOT PERMITTED PERMITTED NOT PERMITTED		
10 11 12 13	ESCALATORS & MOVING WALKS FIRE ESCAPE STAIRS FIRE ESCAPE LADDERS SLIDE ESCAPES ALTERNATING TREAD DEVICES	WIDTH OF THE EXIT STAIR AS PART OF THE REQUIRED MEANS OF EGRESS COMPLYING WITH CHAPTER 7 NFPA 101	NOT PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED REQUIRED	NOT PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED REQUIRED	NOT PERMITTED PERMITTED NOT PERMITTED PERMITTED NOT PERMITTED REQUIRED		
10 11 12 13 14	ESCALATORS & MOVING WALKS FIRE ESCAPE STAIRS FIRE ESCAPE LADDERS SLIDE ESCAPES ALTERNATING TREAD DEVICES AREAS OF REFUGE	WIDTH OF THE EXIT STAIR AS PART OF THE REQUIRED MEANS OF EGRESS COMPLYING WITH CHAPTER 7 NFPA 101 AS PART OF THE REQUIRED MEANS OF EGRESS A	NOT PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED REQUIRED NOT PERMITTED	NOT PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED REQUIRED NOT PERMITTED	NOT PERMITTED PERMITTED NOT PERMITTED PERMITTED NOT PERMITTED REQUIRED NOT PERMITTED		
10 11 12 13 14	ESCALATORS & MOVING WALKS FIRE ESCAPE STAIRS FIRE ESCAPE LADDERS SLIDE ESCAPES ALTERNATING TREAD DEVICES AREAS OF REFUGE ELEVATORS	WIDTH OF THE EXIT STAIR AS PART OF THE REQUIRED MEANS OF EGRESS COMPLYING WITH CHAPTER 7 NFPA 101 AS PART OF THE REQUIRED MEANS OF EGRESS A AS PER NFPA 101 & ASME A17.1/CSA B44	NOT PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED REQUIRED NOT PERMITTED PERMITTED	NOT PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED REQUIRED NOT PERMITTED PERMITTED	NOT PERMITTED PERMITTED NOT PERMITTED PERMITTED NOT PERMITTED REQUIRED NOT PERMITTED PERMITTED		



	ADDUCATIONS		STORAG	F OCCUPANCIEC	TODE AND WADE	HOLICEC		
	TERMINALS / HANGARS (FOR STORAGE ONL)	COLD STORAGE / GRAIN ELEVATORS / FREIGHT y) / TRUCKS & MARINE TERMINALS / PARKING CTURES						
П	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS					
Α	LOW HAZARD STORAGE			IN ACCORD	ANCE WITH			
В	ORDINARY HAZARD STORAGE		NFPA 5000 CHAP					
С	HIGH HAZARD STORAGE	FOR THE ALLOW	ABLE BUILDING H	EIGHT AND AREA I	REQUIREMENTS			
D	STORAGE USE CONSIDERED AS LOW HAZARDS:	STORAGE USE OTHER THAN LOW F	IAZARDS:					
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COA COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROI FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONT OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOA METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PAF	IETAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / ITED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH TAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / INTRO CONTROL OF THE TYPES OF OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES ND DRYERS	AEROSOLS, LEVEL 2 AND LEVEL 3 / AIRC BASKETS / BELTING, CANVAS AND LEAT INCLUDING CLOTH COVERED, PEARL, OF APPAREL / CORDAGE / FURNITURE / FUI THAN CELLULOID / LEATHER / LINOLEU WITH A FLASH POINT OF 200°F (93°C) OI TIRES, BULK STORAGE / TOBACCO, CIGAI	HER / BOOKS AND P R BONE / CARDBOAR RS / GLUES, MUCILAG M / LUMBER / PETR R HIGHER / PHOTO EN	APER IN ROLLS OR P. D AND CARDBOARD E E, PASTES, AND SIZE OLEUM WAREHOUSE IGRAVINGS / RESILIEI	ACKS / BOOTS AND BOXES / CLOTHING, ' / GRAINS / HORNS A IS FOR STORAGE OF NT FLOORING / SILKS	SHOES / BUTTONS, WOOLEN WEARING ND COMBS, OTHER LUBRICATING OILS / SOAPS / SUGAR /	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINAR	/ HAZARD	HIGH H	IAZARD	
2	EGRESS CAPACITY	NFPA 101 TABLE 7.3.3.1 CAPACITY FACTORS	REQUIRED	REQU	IRED	REQU	JIRED	
D	NUMBER OF EXITS							
		SERVING ALL FLOOR LEVELS	NOT LESS THAN 2 EXITS REQUIRED	NOT LESS TH	-		HAN 2 EXITS JIRED	
1	SINGLE EXIT	IN MEZZANINES WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERMITTED	PERM	PERMITTED		NOT PERMITTED	
		ANY STORY OR SECTION WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT	PERMITTED	PERM	ITTED	NOT PE	RMITTED	
2	2 SEPARATE EXITS		PERMITTED REQUIRED	PERM REQU			RMITTED	
2	2 SEPARATE EXITS 3 SEPARATE EXITS	WITHIN COMMON PATH LIMIT			IIRED	REQU		
		WITHIN COMMON PATH LIMIT 50 - 500 OCCUPANTS	REQUIRED	REQU	IRED IRED	REQU	JIRED	
3	3 SEPARATE EXITS	WITHIN COMMON PATH LIMIT 50 - 500 OCCUPANTS EQUAL OR MORE THAN 500 OCCUPANTS	REQUIRED REQUIRED	REQU REQU	IRED IRED	REQU	JIRED JIRED	
3	3 SEPARATE EXITS 4 SEPARATE EXITS	WITHIN COMMON PATH LIMIT 50 - 500 OCCUPANTS EQUAL OR MORE THAN 500 OCCUPANTS EQUAL OR MORE THAN 1000 OCCUPANTS	REQUIRED REQUIRED REQUIRED	REQU REQU REQU	IIRED IIRED IIRED	REQU REQU REQU	JIRED JIRED JIRED	
3 4 E	3 SEPARATE EXITS 4 SEPARATE EXITS ARRANGEMENT OF EXITS	WITHIN COMMON PATH LIMIT 50 - 500 OCCUPANTS EQUAL OR MORE THAN 500 OCCUPANTS EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED)	REQUIRED REQUIRED REQUIRED NS*	REQU REQU REQU	IIRED IIRED IIRED NS*	REQU REQU S**	JIRED JIRED JIRED NS*	



- 1	APPLICATIONS		STORAG	E OCCUPANCIES - STORE AND WARE	HOUSES
	WAREHOUSE / BARNS / BULK OIL STORAGE / COLD STORAGE / GRAIN ELEVATORS / FREIGHT TERMINALS / HANGARS (FOR STORAGE ONLY) / TRUCKS & MARINE TERMINALS / PARKING STRUCTURES		AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
II	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS		ENTS
Α	A LOW HAZARD STORAGE			IN ACCORDANCE WITH	
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1	
С	HIGH HAZARD STORAGE		FOR THE ALLOW	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW F	HAZARDS:	
	ASBESTOS / BEER OR WINE LESS THAN 12% ALCOHOL (IN MI CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COA'COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROD FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONT OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOA METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PAR DISTRIBUTION TRANSFORMERS / PARKING GARAGES, OPEN / TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AN	TED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL UCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH AINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY RD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / TS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES	AEROSOLS, LEVEL 2 AND LEVEL 3 / AIRCRAFT HANGARS / BAGS, CLOTH, BURLAP, AND PAPER / BAMBOO AND BASKETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / I INCLUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / CLOTHING, WOOLEN APPAREL / CORDAGE / FURNITURE / FURS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COME THAN CELLULOID / LEATHER / LINOLEUM / LUMBER / PETROLEUM WAREHOUSES FOR STORAGE OF LUBRICAT WITH A FLASH POINT OF 200°E (93°C) OR HIGHER / PHOTO ENGRAVINGS / RESULENT ELOORING / SILKS / SOAPS		ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
4	EXIT DISCHARGE	COMPLYING WITH NFPA 101	REQUIRED	REQUIRED	REQUIRED
5	EXTERIOR WAYS OF EXIT	COMPLYING WITH NFPA 101	PERMITTED	PERMITTED	PERMITTED
6	ACCESSIBLE MEANS OF EGRESS	FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT	2 EXIT REQUIRED	2 EXIT REQUIRED	2 EXIT REQUIRED
7	ILLUMINATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED
8	EMERGENCY LIGHTING	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED
9	MARKINGS OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED
F	SPECIAL MEANS OF EGRESS PROVISIONS				
1	FIREMEN ACCESS PANELS	ANY NUMBER OF STORIES	REQUIRED	REQUIRED	REQUIRED
2	REFUGE FLOORS	AT AN INTERVAL OF 20 STORIES	BUILDINGS EXCEEDING 30 STORIES	BUILDINGS EXCEEDING 30 STORIES	BUILDINGS EXCEEDING 30 STORIES
3	ELEVATORS FOR OCCUPANT CONTROLLED EVACUATION PRIOR TO PHASE I EMERGENCY RECALL OPERATIONS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	PERMITTED
V	INTERIOR FINISH CONTENTS AND FURNISHING				
Α	INTERIOR FINISH	COMPLYING WITH CHAPTER 10 OF NFPA 101	REQUIRED	REQUIRED	REQUIRED



ı	APPLICATIONS			STORAGE OCCUPANCIES - STORE AND WAREHOUSES			
	•	WAREHOUSE / BARNS / BULK OIL STORAGE / COLD STORAGE / GRAIN ELEVATORS / FREIGHT TERMINALS / HANGARS (FOR STORAGE ONLY) / TRUCKS & MARINE TERMINALS / PARKING STRUCTURES			AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
II	OCCUPANCY CLASSIFICA	ATION	BUILDING AREA AND HEIGHT REQUIREMENTS				
Α	A LOW HAZARD STORAGE IN ACCORDANCE WITH						
В	ORDINARY HAZARD STO	RAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1		
С	HIGH HAZARD STORAGE			FOR THE ALLOV	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS	
D	STORAGE USE CONSIDER	RED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW I	HAZARDS:		
	CHALK & CRAYONS / DAIRY F COILS / ELECTRICAL MOTOR FRUITS AND VEGETABLES IN OR FILLED WITH NONCOMBU METAL DESKS WITH PLASTIC	PRODUCTS IN NONWAXED-COA' RS / EMPTY CANS / FOOD PROD I NON-PLASTIC TRAYS OR CONT USTIBLE LIQUIDS / GYPSUM BOA' C TOPS AND TRIM / METAL PAR	ETAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / TED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH 'AINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / LTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES	AEROSOLS, LEVEL 2 AND LEVEL 3 / AIRCRAFT HANGARS / BAGS, CLOTH, BURLAP, AND PAPER / BAMBOO AND RATTA BASKETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / BUTTO INCLUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / CLOTHING, WOOLEN WEAR APPAREL / CORDAGE / FURNITURE / FURS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COMBS, OT THAN CELLULOID / LEATHER / LINOLEUM / LUMBER / PETROLEUM WAREHOUSES FOR STORAGE OF LUBRICATING WITH A FLASH POINT OF 200°F (93°C) OR HIGHER / PHOTO ENGRAVINGS / RESILIENT FLOORING / SILKS / SOAPS / SUG TIRES, BULK STORAGE / TOBACCO, CIGARS, CIGARETTES, AND SNUFF / UPHOLSTERY AND MATTRESSES / WAX CANDLES		ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /	
		TANKS / TOWERS / WASHERS AN	ND DRYERS	TIRES, BOLK STORAGE / TOBACCO, CIGA	ns, cidaneries, and snorry officesten	TI AND WATTHESSES / WAX CANDLES	
	/ TALC AND SOAPS TONES / T	TANKS / TOWERS / WASHERS AN Y PROVISIONS	ND DRYERS MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD	
	/ TALC AND SOAPS TONES / 1 FIRE SAFETY	Y PROVISIONS	T				
1	/ TALC AND SOAPS TONES / T	Y PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD	
	/ TALC AND SOAPS TONES / T FIRE SAFETY INTERIOR WALL & CEILIN	Y PROVISIONS NG FINISHES	MINIMUM REQUIREMENTS CLASS A, B OR C IN STORAGE AREAS	LOW HAZARD REQUIRED	ORDINARY HAZARD REQUIRED	HIGH HAZARD REQUIRED	
1 2	/ TALC AND SOAPS TONES / 1 FIRE SAFETY	Y PROVISIONS NG FINISHES	MINIMUM REQUIREMENTS CLASS A, B OR C IN STORAGE AREAS CLASS A OR CLASS B IN EXIT ENCLOSURE	LOW HAZARD REQUIRED REQUIRED	ORDINARY HAZARD REQUIRED REQUIRED	HIGH HAZARD REQUIRED REQUIRED	
	/ TALC AND SOAPS TONES / T FIRE SAFETY INTERIOR WALL & CEILIN INTERIOR FLOOR FINISHE	Y PROVISIONS NG FINISHES ES	MINIMUM REQUIREMENTS CLASS A, B OR C IN STORAGE AREAS CLASS A OR CLASS B IN EXIT ENCLOSURE IN STORAGE AREAS	LOW HAZARD REQUIRED REQUIRED REQUIRED	ORDINARY HAZARD REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED	
2	/ TALC AND SOAPS TONES / T FIRE SAFETY INTERIOR WALL & CEILIN INTERIOR FLOOR FINISHE	Y PROVISIONS NG FINISHES ES	MINIMUM REQUIREMENTS CLASS A, B OR C IN STORAGE AREAS CLASS A OR CLASS B IN EXIT ENCLOSURE IN STORAGE AREAS CLASS II (IN EXIT ENCLOSURE)	LOW HAZARD REQUIRED REQUIRED REQUIRED	ORDINARY HAZARD REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED	
2 VI	/ TALC AND SOAPS TONES / T FIRE SAFETY INTERIOR WALL & CEILIN INTERIOR FLOOR FINISHE FEATURES OF FIRE PROTE	Y PROVISIONS NG FINISHES ES ECTION (NFPA 5000 TABLES	MINIMUM REQUIREMENTS CLASS A, B OR C IN STORAGE AREAS CLASS A OR CLASS B IN EXIT ENCLOSURE IN STORAGE AREAS CLASS II (IN EXIT ENCLOSURE) 7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)	LOW HAZARD REQUIRED REQUIRED REQUIRED	ORDINARY HAZARD REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS BASED ON NFPA	
2 VI	/ TALC AND SOAPS TONES / T FIRE SAFETY INTERIOR WALL & CEILIN INTERIOR FLOOR FINISHE FEATURES OF FIRE PROTE	Y PROVISIONS NG FINISHES ES	MINIMUM REQUIREMENTS CLASS A, B OR C IN STORAGE AREAS CLASS A OR CLASS B IN EXIT ENCLOSURE IN STORAGE AREAS CLASS II (IN EXIT ENCLOSURE) 7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1) COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS REQUIRED PER TYPE OF CONSTRUCTION	REQUIRED REQUIRED REQUIRED NR HOURLY RATINGS REQUIRED PER TYPE OF CONSTRUCTION	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS AND AS PER HIGH	
2 VI A	/ TALC AND SOAPS TONES / T FIRE SAFETY INTERIOR WALL & CEILIN INTERIOR FLOOR FINISHE FEATURES OF FIRE PROTE CONSTRUCTION	Y PROVISIONS NG FINISHES ES ECTION (NFPA 5000 TABLES TYPE I OR TYPE II	MINIMUM REQUIREMENTS CLASS A, B OR C IN STORAGE AREAS CLASS A OR CLASS B IN EXIT ENCLOSURE IN STORAGE AREAS CLASS II (IN EXIT ENCLOSURE) 7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1) COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000 EXTERIOR BEARING WALLS	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS REQUIRED	REQUIRED REQUIRED REQUIRED REQUIRED NR HOURLY RATINGS REQUIRED	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS BASED ON NFPA 5000 HEIGHT & AREA	
2 VI A	/ TALC AND SOAPS TONES / T FIRE SAFETY INTERIOR WALL & CEILIN INTERIOR FLOOR FINISHE FEATURES OF FIRE PROTE CONSTRUCTION	Y PROVISIONS NG FINISHES ES ECTION (NFPA 5000 TABLES TYPE I OR TYPE II TYPE III OR TYPE IV OR TYPE V	MINIMUM REQUIREMENTS CLASS A, B OR C IN STORAGE AREAS CLASS A OR CLASS B IN EXIT ENCLOSURE IN STORAGE AREAS CLASS II (IN EXIT ENCLOSURE) 7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1) COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000 EXTERIOR BEARING WALLS FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS REQUIRED PER TYPE OF CONSTRUCTION BASED ON NFPA 5000 HEIGHT &	REQUIRED REQUIRED REQUIRED NR HOURLY RATINGS REQUIRED PER TYPE OF CONSTRUCTION BASED ON NFPA 5000 HEIGHT &	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS AND AS PER HIGH HAZARD REQUIRED PROTECTION	
VI A	/ TALC AND SOAPS TONES / T FIRE SAFETY INTERIOR WALL & CEILIN INTERIOR FLOOR FINISHE FEATURES OF FIRE PROTE CONSTRUCTION COMPARTMENTATION /	Y PROVISIONS NG FINISHES ES ECTION (NFPA 5000 TABLES TYPE I OR TYPE II TYPE III OR TYPE IV OR TYPE V	CLASS A, B OR C IN STORAGE AREAS CLASS A OR CLASS B IN EXIT ENCLOSURE IN STORAGE AREAS CLASS II (IN EXIT ENCLOSURE) 7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1) COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000 EXTERIOR BEARING WALLS FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES FLOOR CONSTRUCTION	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS REQUIRED PER TYPE OF CONSTRUCTION BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS	REQUIRED REQUIRED REQUIRED NR HOURLY RATINGS REQUIRED PER TYPE OF CONSTRUCTION BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS	REQUIRED REQUIRED REQUIRED NR-NOT REQUIRED HOURLY RATINGS BASED ON NFPA 5000 HEIGHT & AREA REQUIREMENTS AND AS PER HIGH HAZARD REQUIRED PROTECTION LEVEL	



			STORAGE OCCUPANCIES - STORE AND WAREHOUSES		
ı	APPLICATIONS		AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON		
		COLD STORAGE / GRAIN ELEVATORS / FREIGHT Y) / TRUCKS & MARINE TERMINALS / PARKING			
	STRUCTURES		IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
II	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS		
Α	LOW HAZARD STORAGE		IN ACCORDANCE WITH		
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1	
С	HIGH HAZARD STORAGE		FOR THE ALLOW	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW F	IAZARDS:	
	ASBESTOS / BEER OR WINE LESS THAN 12% ALCOHOL (IN METAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COATED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PRODUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONTAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PARTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF DISTRIBUTION TRANSFORMERS / PARKING GARAGES, OPEN OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES		AEROSOLS, LEVEL 2 AND LEVEL 3 / AIRCRAFT HANGARS / BAGS, CLOTH, BURLAP, AND PAPER / BAMBOO AND R BASKETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / BI INCLUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / CLOTHING, WOOLEN W APPAREL / CORDAGE / FURNITURE / FURS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COMBS THAN CELLULOID / LEATHER / LINOLEUM / LUMBER / PETROLEUM WAREHOUSES FOR STORAGE OF LUBRICATI WITH A FLASH POINT OF 200°F (93°C) OR HIGHER / PHOTO ENGRAVINGS / RESILIENT FLOORING / SILKS / SOAPS / TIRES, BULK STORAGE / TOBACCO, CIGARS, CIGARETTES, AND SNUFF / UPHOLSTERY AND MATTRESSES / WAX CAN		ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A		TIRES, BULK STORAGE / TOBACCO, CIGA	RS, CIGARETTES, AND SNUFF / UPHOLSTER	Y AND MATTRESSES / WAX CANDLES
			tires, Bulk storage / tobacco, ciga	RS, CIGARETTES, AND SNUFF / UPHOLSTER ORDINARY HAZARD	Y AND MATTRESSES / WAX CANDLES HIGH HAZARD
3	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A	ND DRYERS			
3 4	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS	ND DRYERS MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
3 4	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000	LOW HAZARD REQUIRED	ORDINARY HAZARD REQUIRED	HIGH HAZARD REQUIRED
3 4	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000	LOW HAZARD REQUIRED	ORDINARY HAZARD REQUIRED	HIGH HAZARD REQUIRED
4	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS SMOKE BARRIERS	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000 COMPLYING WITH NFPA 101 & NFPA 5000	LOW HAZARD REQUIRED REQUIRED	ORDINARY HAZARD REQUIRED REQUIRED	REQUIRED REQUIRED
4 C	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS SMOKE BARRIERS VERTICAL OPENINGS PROTECTION	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000 COMPLYING WITH NFPA 101 & NFPA 5000 PROTECTION COMPLYING WITH NFPA CODES	REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED REQUIRED
4 C 1	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS SMOKE BARRIERS VERTICAL OPENINGS PROTECTION COMMUNICATING SPACES	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000 COMPLYING WITH NFPA 101 & NFPA 5000 PROTECTION COMPLYING WITH NFPA CODES COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED REQUIRED REQUIRED PERMITTED	ORDINARY HAZARD REQUIRED REQUIRED REQUIRED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED
4 C 1 2	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS SMOKE BARRIERS VERTICAL OPENINGS PROTECTION COMMUNICATING SPACES ATRIUMS	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000 COMPLYING WITH NFPA 101 & NFPA 5000 PROTECTION COMPLYING WITH NFPA CODES COMPLYING WITH CHAPTER 8 NFPA 101 COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED	REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED
4 C 1 2	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS SMOKE BARRIERS VERTICAL OPENINGS PROTECTION COMMUNICATING SPACES ATRIUMS CONVENIENCE OPENINGS	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000 COMPLYING WITH NFPA 101 & NFPA 5000 PROTECTION COMPLYING WITH NFPA CODES COMPLYING WITH CHAPTER 8 NFPA 101 COMPLYING WITH CHAPTER 8 NFPA 101 COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED
4 C 1 2 3 4	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS SMOKE BARRIERS VERTICAL OPENINGS PROTECTION COMMUNICATING SPACES ATRIUMS CONVENIENCE OPENINGS SHAFTS	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000 COMPLYING WITH NFPA 101 & NFPA 5000 PROTECTION COMPLYING WITH NFPA CODES COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED PERMITTED
4 C 1 2 3 4 5	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A FIRE SAFETY PROVISIONS SMOKE PARTITIONS SMOKE BARRIERS VERTICAL OPENINGS PROTECTION COMMUNICATING SPACES ATRIUMS CONVENIENCE OPENINGS SHAFTS MEZZANINES	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 101 & NFPA 5000 COMPLYING WITH NFPA 101 & NFPA 5000 PROTECTION COMPLYING WITH NFPA CODES COMPLYING WITH CHAPTER 8 NFPA 101 COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED	REQUIRED REQUIRED REQUIRED REQUIRED PERMITTED PERMITTED PERMITTED PERMITTED PERMITTED



	APPLICATIONS		STORAGE OCCUPANCIES - STORE AND WAREHOUSES		
	WAREHOUSE / BARNS / BULK OIL STORAGE / TERMINALS / HANGARS (FOR STORAGE ONL	COLD STORAGE / GRAIN ELEVATORS / FREIGHT Y) / TRUCKS & MARINE TERMINALS / PARKING CTURES	AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
П	OCCUPANCY CLASSIFICATION		BUIL	ENTS	
Α	LOW HAZARD STORAGE		·		
В	ORDINARY HAZARD STORAGE		IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1		
С	HIGH HAZARD STORAGE		FOR THE ALLOW	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW H	HAZARDS:	
	ASBESTOS / BEER OR WINE LESS THAN 12% ALCOHOL (IN METAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COATED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PRODUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONTAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PARTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF DISTRIBUTION TRANSFORMERS / PARKING GARAGES, OPEN OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES / TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND DRYERS		AEROSOLS, LEVEL 2 AND LEVEL 3 / AIRCRAFT HANGARS / BAGS, CLOTH, BURLAP, AND PAPER / BAMBOO AND RAT BASKETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / BUT INCLUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / CLOTHING, WOOLEN WE APPAREL / CORDAGE / FURNITURE / FURS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COMBS, OF THAN CELLULOID / LEATHER / LINOLEUM / LUMBER / PETROLEUM WAREHOUSES FOR STORAGE OF LUBRICATING WITH A FLASH POINT OF 200°F (93°C) OR HIGHER / PHOTO ENGRAVINGS / RESILIENT FLOORING / SILKS / SOAPS / SL TIRES, BULK STORAGE / TOBACCO, CIGARS, CIGARETTES, AND SNUFF / UPHOLSTERY AND MATTRESSES / WAX CANDI		ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²	REQUIRED	REQUIRED	REQUIRED
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQUIRED	REQUIRED	REQUIRED
VII	FIRE PROTECTION				
Α	DETECTION ALARM AND COMMUNICATION SYSTEM	MS			
1	FIRE ALARM SYSTEM	EXCEEDING 9300M ²	REQUIRED	REQUIRED	REQUIRED
1	FIRE ALARIVI 3131 EIVI	PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM	NOT REQUIRED	NOT REQUIRED	REQUIRED
В	EXTINGUISHING REQUIREMENTS				
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED	REQUIRED	REQUIRED
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQUIRED	REQUIRED	REQUIRED
3	FIRE BLANKETS STANDPIPE SYSTEM		REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED
		IN KITCHEN OR PANTRY	,	· · · · · · · · · · · · · · · · · · ·	•
3	STANDPIPE SYSTEM	IN KITCHEN OR PANTRY COMPLYING WITH NFPA 14	REQUIRED	REQUIRED	REQUIRED
3	STANDPIPE SYSTEM	IN KITCHEN OR PANTRY COMPLYING WITH NFPA 14 25MM DIAMETER HOSE	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED



1	APPLICATIONS	STORAG	E OCCUPANCIES - STORE AND WARE	HOUSES	
	WAREHOUSE / BARNS / BULK OIL STORAGE / COLD STORAGE / GRAIN ELEVATORS / FREIGHT TERMINALS / HANGARS (FOR STORAGE ONLY) / TRUCKS & MARINE TERMINALS / PARKING STRUCTURES		AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
II	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS		
Α	LOW HAZARD STORAGE		IN ACCORDANCE WITH		
В	ORDINARY HAZARD STORAGE			NFPA 5000 CHAPTER 7 TABLE 7.4.1	
С	HIGH HAZARD STORAGE		FOR THE ALLOW	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW F	IAZARDS:	
	ASBESTOS / BEER OR WINE LESS THAN 12% ALCOHOL (IN METAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COATED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PRODUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONTAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PARTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF DISTRIBUTION TRANSFORMERS / PARKING GARAGES, OPEN OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES / TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND DRYERS		BASKETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / B INCLUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / COTHING, WOOLEN V APPAREL / CORDAGE / FURNITURE / FURNS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COMBS THAN CELLULOID / LEATHER / LINOLEUM / LUBBER / PETROLEUM WARRENDUSES FOR STORAGE OF LUBRICAT		ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
	, , , , , , , , , , , , , , , , , , , ,	ND DITTERS			
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
	FIRE SAFETY PROVISIONS		LOW HAZARD REQUIRED	ORDINARY HAZARD REQUIRED	HIGH HAZARD REQUIRED
5	· · · · · ·	MINIMUM REQUIREMENTS	-		-
5	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M ²	REQUIRED	REQUIRED	REQUIRED
	FIRE SAFETY PROVISIONS AUTOMATIC SPRINKLER SYSTEM	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M ² MINI-STORAGE BUILDINGS 232M ² COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED
6	AUTOMATIC SPRINKLER SYSTEM OTHER EXTINGUISHING EQUIPMENT	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M ² MINI-STORAGE BUILDINGS 232M ² COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED
6 VIII	AUTOMATIC SPRINKLER SYSTEM OTHER EXTINGUISHING EQUIPMENT BUILDING SERVICES PROTECTION (ASS* AUTOMATIC	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M ² MINI-STORAGE BUILDINGS 232M ² COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS C SUPPRESSION SYSTEM)	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED
6 VIII	AUTOMATIC SPRINKLER SYSTEM OTHER EXTINGUISHING EQUIPMENT BUILDING SERVICES PROTECTION (ASS* AUTOMATIC BUILDING UTILITIES	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M ² MINI-STORAGE BUILDINGS 232M ² COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS C SUPPRESSION SYSTEM) COMPLYING WITH CHAPTER 9 NFPA 101	REQUIRED REQUIRED PERMITTED	REQUIRED REQUIRED PERMITTED	REQUIRED REQUIRED PERMITTED
6 VIII A 1	AUTOMATIC SPRINKLER SYSTEM OTHER EXTINGUISHING EQUIPMENT BUILDING SERVICES PROTECTION (ASS* AUTOMATIC BUILDING UTILITIES GAS EQUIPMENT & RELATED PIPING ELECTRICAL SYSTEMS/ ELECTRICAL ROOMS	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M ² MINI-STORAGE BUILDINGS 232M ² COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS C SUPPRESSION SYSTEM) COMPLYING WITH CHAPTER 9 NFPA 101 PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED REQUIRED PERMITTED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED
6 VIII A 1	AUTOMATIC SPRINKLER SYSTEM OTHER EXTINGUISHING EQUIPMENT BUILDING SERVICES PROTECTION (ASS* AUTOMATIC BUILDING UTILITIES GAS EQUIPMENT & RELATED PIPING	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M ² MINI-STORAGE BUILDINGS 232M ² COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS C SUPPRESSION SYSTEM) COMPLYING WITH CHAPTER 9 NFPA 101 PROTECTION AS PER NFPA 54 & NFPA 58 ASS or 2-HRS ENCLOSURE	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED
6 VIII A 1	AUTOMATIC SPRINKLER SYSTEM OTHER EXTINGUISHING EQUIPMENT BUILDING SERVICES PROTECTION (ASS* AUTOMATIC BUILDING UTILITIES GAS EQUIPMENT & RELATED PIPING ELECTRICAL SYSTEMS/ ELECTRICAL ROOMS	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M ² MINI-STORAGE BUILDINGS 232M ² COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS C SUPPRESSION SYSTEM) COMPLYING WITH CHAPTER 9 NFPA 101 PROTECTION AS PER NFPA 54 & NFPA 58 ASS or 2-HRS ENCLOSURE ATTACHED TO OCCUPIED BUILDINGS &	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED 3-HRS FRR* or ASS 3-HRS FRR* or 1-HR FRR* with	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED 3-HRS FRR* or ASS 3-HRS FRR* or 1-HR FRR* with	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED 3-HRS FRR* or ASS 3-HRS FRR* or 1-HR FRR* with
6 VIII A 1 2	AUTOMATIC SPRINKLER SYSTEM OTHER EXTINGUISHING EQUIPMENT BUILDING SERVICES PROTECTION (ASS* AUTOMATIC BUILDING UTILITIES GAS EQUIPMENT & RELATED PIPING ELECTRICAL SYSTEMS/ ELECTRICAL ROOMS SUBSTATIONS & SWITCHGEARS	MINIMUM REQUIREMENTS BULK STORAGE OF TIRES EXCEEDS 566M2 MINI-STORAGE BUILDINGS 232M2 COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS C SUPPRESSION SYSTEM) COMPLYING WITH CHAPTER 9 NFPA 101 PROTECTION AS PER NFPA 54 & NFPA 58 ASS or 2-HRS ENCLOSURE ATTACHED TO OCCUPIED BUILDINGS & STANDALONE: TRANSFORMER VAULT PROTECTION	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED 3-HRS FRR* or ASS 3-HRS FRR* or 1-HR FRR* with ASS	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED 3-HRS FRR* or ASS 3-HRS FRR* or 1-HR FRR* with ASS	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED 3-HRS FRR* or ASS 3-HRS FRR* or 1-HR FRR* with ASS



1	APPLICATIONS		STORAGE OCCUPANCIES - STORE AND WAREHOUSES				
	WAREHOUSE / BARNS / BULK OIL STORAGE / TERMINALS / HANGARS (FOR STORAGE ONL)	WAREHOUSE / BARNS / BULK OIL STORAGE / COLD STORAGE / GRAIN ELEVATORS / FREIGHT TERMINALS / HANGARS (FOR STORAGE ONLY) / TRUCKS & MARINE TERMINALS / PARKING STRUCTURES			AN OCCUPANCY USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS OR VEHICLES CHARACTERIZED BY THE PRESENCE OF RELATIVELY SMALL NUMBERS OF PERSON IN PROPORTION TO THE AREA. INCIDENTAL STORAGE IN OTHER OCCUPANCY IS EXCLUDED.		
II	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS				
Α	LOW HAZARD STORAGE		IN ACCORDANCE WITH				
В	ORDINARY HAZARD STORAGE		IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1				
С	HIGH HAZARD STORAGE		FOR THE ALLOW	ABLE BUILDING HEIGHT AND AREA	REQUIREMENTS		
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW I	HAZARDS:			
	ASBESTOS / BEER OR WINE LESS THAN 12% ALCOHOL (IN METAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COATED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PRODUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONTAINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PARTS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF DISTRIBUTION TRANSFORMERS / PARKING GARAGES, OPEN OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES		STORAGE USE OTHER THAN LOW HAZARDS: AEROSOLS, LEVEL 2 AND LEVEL 3 / AIRCRAFT HANGARS / BAGS, CLOTH, BURLAP, AND PAPER / BAMBOO AND R. BASKETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / BLINCLUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / CLOTHING, WOOLEN W. APPAREL / CORDAGE / FURNITURE / FURS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COMBS THAN CELLULOID / LEATHER / LINOLEUM / LUMBER / PETROLEUM WAREHOUSES FOR STORAGE OF LUBRICATI WITH A FLASH POINT OF 200°F (93°C) OR HIGHER / PHOTO ENGRAVINGS / RESILIENT FLOORING / SILKS / SOAPS / STIRES, BULK STORAGE / TOBACCO, CIGARS, CIGARETTES, AND SNUFF / UPHOLSTERY AND MATTRESSES / WAX CAN		ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /		
	DISTRIBUTION TRANSFORMERS / PARKING GARAGES, OPEN / TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS A	·	TIRES, BULK STORAGE / TOBACCO, CIGA	RS, CIGARETTES, AND SNUFF / UPHOLSTER	Y AND MATTRESSES / WAX CANDLES		
	·	·	TIRES, BULK STORAGE / TOBACCO, CIGA	RS, CIGARETTES, AND SNUFF / UPHOLSTER ORDINARY HAZARD	Y AND MATTRESSES / WAX CANDLES HIGH HAZARD		
	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AI	ND DRYERS					
В	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AI FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD		
В	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AI FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44	LOW HAZARD REQUIRED	ORDINARY HAZARD REQUIRED	HIGH HAZARD REQUIRED		
В	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AI FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82	LOW HAZARD REQUIRED REQUIRED	ORDINARY HAZARD REQUIRED REQUIRED	HIGH HAZARD REQUIRED REQUIRED		
В	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES ENCLOSURES	ND DRYERS MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82 ≤3 STOREYS/≥3 STOREYS	LOW HAZARD REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR*	ORDINARY HAZARD REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR*	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR*		
	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AI FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES ENCLOSURES OPENING PROTECTIVE	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82 ≤3 STOREYS/≥3 STOREYS ≤3 STOREYS / ≥3 STOREYS	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR**	ORDINARY HAZARD REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR**	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR**		
	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES ENCLOSURES OPENING PROTECTIVE EMERGENCY POWER SUPPLY SYSTEM	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82 ≤3 STOREYS/≥3 STOREYS ≤3 STOREYS /≥3 STOREYS COMPLYING WITH NFPA 110	LOW HAZARD REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** NO REQUIREMENT	ORDINARY HAZARD REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED		
C 1	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES ENCLOSURES OPENING PROTECTIVE EMERGENCY POWER SUPPLY SYSTEM GENERATORS FIRE PUMP ROOM	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82 ≤3 STOREYS/≥3 STOREYS ≤3 STOREYS / ≥3 STOREYS COMPLYING WITH NFPA 110 ENCLOSURE	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** NO REQUIREMENT 1-HOUR FRR*	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR*	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR*		
C 1	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES ENCLOSURES OPENING PROTECTIVE EMERGENCY POWER SUPPLY SYSTEM GENERATORS	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82 ≤3 STOREYS/≥3 STOREYS ≤3 STOREYS /≥3 STOREYS COMPLYING WITH NFPA 110 ENCLOSURE COMPLYING WITH NFPA 20	LOW HAZARD REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** NO REQUIREMENT 1-HOUR FRR* REQUIRED	ORDINARY HAZARD REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR* REQUIRED	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR* REQUIRED		
C 1	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES ENCLOSURES OPENING PROTECTIVE EMERGENCY POWER SUPPLY SYSTEM GENERATORS FIRE PUMP ROOM	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82 ≤3 STOREYS/≥3 STOREYS ≤3 STOREYS / ≥3 STOREYS COMPLYING WITH NFPA 110 ENCLOSURE COMPLYING WITH NFPA 20 MORE THAN 15.3 M FROM ANY BUILDING	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** NO REQUIREMENT 1-HOUR FRR* REQUIRED 1-HOUR FRR*	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR* REQUIRED 1-HOUR FRR*	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR* REQUIRED 1-HOUR FRR*		
C 1	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES ENCLOSURES OPENING PROTECTIVE EMERGENCY POWER SUPPLY SYSTEM GENERATORS FIRE PUMP ROOM	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82 ≤3 STOREYS / ≥3 STOREYS ≤3 STOREYS / ≥3 STOREYS COMPLYING WITH NFPA 110 ENCLOSURE COMPLYING WITH NFPA 20 MORE THAN 15.3 M FROM ANY BUILDING WITHIN 15.3M OR ATTACHED TO BUILDINGS	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** NO REQUIREMENT 1-HOUR FRR* REQUIRED 1-HOUR FRR* 2-HRS FRR*	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR* REQUIRED 1-HOUR FRR* 2-HRS FRR*	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR* REQUIRED 1-HOUR FRR* 2-HRS FRR*		
C 1 D 1	/ TALC AND SOAPS TONES / TANKS / TOWERS / WASHERS AND FIRE SAFETY PROVISIONS FIRE FIGHTERS' EMERGENCY OPERATION INCINERATORS, RUBBISH & LAUNDRY CHUTES ENCLOSURES OPENING PROTECTIVE EMERGENCY POWER SUPPLY SYSTEM GENERATORS FIRE PUMP ROOM ENCLOSURES	MINIMUM REQUIREMENTS COMPLYING WITH ASME A17.1/CSA B44 COMPLYING WITH NFPA 82 ≤3 STOREYS/≥3 STOREYS ≤3 STOREYS /≥3 STOREYS COMPLYING WITH NFPA 110 ENCLOSURE COMPLYING WITH NFPA 20 MORE THAN 15.3 M FROM ANY BUILDING WITHIN 15.3M OR ATTACHED TO BUILDINGS EXTERNAL ACCESS AT THE LEVEL OF DISCHARGE WITHIN 3M FROM ANY EXIT THAT COMPLIES WITH	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** NO REQUIREMENT 1-HOUR FRR* REQUIRED 1-HOUR FRR* 2-HRS FRR* REQUIRED	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR* REQUIRED 1-HOUR FRR* REQUIRED 2-HRS FRR* REQUIRED	REQUIRED REQUIRED 1-HR FRR* / 2-HRS FRR* 1-HR FPR** / 1.5-HR FPR** REQUIRED 1-HOUR FRR* REQUIRED 1-HOUR FRR* REQUIRED 1-HOUR FRR* REQUIRED		



	T		T		
ı	APPLICATIONS		STORAG	E OCCUPANCIES - STORE AND WARE	HOUSES
	TERMINALS / HANGARS (FOR STORAGE ONLY	COLD STORAGE / GRAIN ELEVATORS / FREIGHT /) / TRUCKS & MARINE TERMINALS / PARKING CTURES	PRODUCTS OR VEHICLES CHARACT	RILY FOR THE STORAGE OR SHELTERIN FERIZED BY THE PRESENCE OF RELATIV REA. INCIDENTAL STORAGE IN OTHER	VELY SMALL NUMBERS OF PERSON
П	OCCUPANCY CLASSIFICATION		BUILDING AREA AND HEIGHT REQUIREMENTS		
Α	LOW HAZARD STORAGE		IN ACCORDANCE WITH		
В	ORDINARY HAZARD STORAGE		NFPA 5000 CHAPTER 7 TABLE 7.4.1		
С	HIGH HAZARD STORAGE		FOR THE ALLOV	VABLE BUILDING HEIGHT AND AREA	REQUIREMENTS
D	STORAGE USE CONSIDERED AS LOW HAZARDS:		STORAGE USE OTHER THAN LOW I	HAZARDS:	
	CHALK & CRAYONS / DAIRY PRODUCTS IN NONWAXED-COA COILS / ELECTRICAL MOTORS / EMPTY CANS / FOOD PROD FRUITS AND VEGETABLES IN NON-PLASTIC TRAYS OR CONT OR FILLED WITH NONCOMBUSTIBLE LIQUIDS / GYPSUM BOA METAL DESKS WITH PLASTIC TOPS AND TRIM / METAL PAF	ETAL/GLASS OR CERAMIC CONTAINERS) / CEMENT IN BAGS / TED PAPER CONTAINERS / DRY CELL BATTERIES / ELECTRICAL DUCTS / FOODS IN NONCOMBUSTIBLE CONTAINERS / FRESH 'AINERS / FROZEN FOODS / GLASS / GLASS BOTTLES, EMPTY / ARD / INERT PIGMENTS / IVORY / MEATS / METAL CABINETS / TS / METALS / MIRRORS / OIL-FILLED AND OTHER TYPES OF OR ENCLOSED / PORCELAIN AND POTTERY / SHEDS / STOVES ND DRYERS	AEROSOLS, LEVEL 2 AND LEVEL 3 / AIRCRAFT HANGARS / BAGS, CLOTH, BURLAP, AND PAPER / BAMBOO AND BASKETS / BELTING, CANVAS AND LEATHER / BOOKS AND PAPER IN ROLLS OR PACKS / BOOTS AND SHOES / INCLUDING CLOTH COVERED, PEARL, OR BONE / CARDBOARD AND CARDBOARD BOXES / CLOTHING, WOOLEN APPAREL / CORDAGE / FURNITURE / FURS / GLUES, MUCILAGE, PASTES, AND SIZE / GRAINS / HORNS AND COM THAN CELLULOID / LEATHER / LINOLEUM / LUMBER / PETROLEUM WAREHOUSES FOR STORAGE OF LUBRICA WITH A ELASH BOINT OF 200°E (22°C) OR HIGHER / BURDTO ENCRAVINGS / PESULENT ELOOPING / SUKS / SOARS		ACKS / BOOTS AND SHOES / BUTTONS, BOXES / CLOTHING, WOOLEN WEARING / GRAINS / HORNS AND COMBS, OTHER ES FOR STORAGE OF LUBRICATING OILS NT FLOORING / SILKS / SOAPS / SUGAR /
			LOW HAZARD ORDINARY HAZARD HIGH HAZARI		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY HAZARD	HIGH HAZARD
E	FIRE SAFETY PROVISIONS FIRE WATER TANKS	MINIMUM REQUIREMENTS COMPLYING WITH NFPA 22	LOW HAZARD REQUIRED	ORDINARY HAZARD REQUIRED	HIGH HAZARD REQUIRED
E	FIRE WATER TANKS				-
E	<u> </u>	COMPLYING WITH NFPA 22	REQUIRED	REQUIRED	REQUIRED
E	FIRE WATER TANKS	COMPLYING WITH NFPA 22 NON-COMBUSTIBLE MATERIAL	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED
E	FIRE WATER TANKS MATERIALS	COMPLYING WITH NFPA 22 NON-COMBUSTIBLE MATERIAL GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE)	REQUIRED REQUIRED PERMITTED	REQUIRED REQUIRED PERMITTED	REQUIRED REQUIRED PERMITTED
	FIRE WATER TANKS MATERIALS DESIGN/COMPARTMENTATION SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 22 NON-COMBUSTIBLE MATERIAL GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE) TWO (2) COMPARTMENTS	REQUIRED REQUIRED PERMITTED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED
	FIRE WATER TANKS MATERIALS DESIGN/COMPARTMENTATION	COMPLYING WITH NFPA 22 NON-COMBUSTIBLE MATERIAL GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE) TWO (2) COMPARTMENTS COMPLYING WITH NFPA 92 & NFPA 204	REQUIRED REQUIRED PERMITTED REQUIRED NOT REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED
	FIRE WATER TANKS MATERIALS DESIGN/COMPARTMENTATION SMOKE CONTROL / EMERGENCY VENTILATION VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING: 1.1 NATURAL VENTILATION;	COMPLYING WITH NFPA 22 NON-COMBUSTIBLE MATERIAL GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE) TWO (2) COMPARTMENTS COMPLYING WITH NFPA 92 & NFPA 204 FIRE AREA EXCEEDING 1115M ²	REQUIRED REQUIRED PERMITTED REQUIRED NOT REQUIRED NOT REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED
	FIRE WATER TANKS MATERIALS DESIGN/COMPARTMENTATION SMOKE CONTROL / EMERGENCY VENTILATION VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING: 1.1 NATURAL VENTILATION; 1.2 MECHANICAL VENTILATION & SMOKE	COMPLYING WITH NFPA 22 NON-COMBUSTIBLE MATERIAL GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE) TWO (2) COMPARTMENTS COMPLYING WITH NFPA 92 & NFPA 204 FIRE AREA EXCEEDING 1115M ² TOTAL AREA OF ALL FLOORS EXCEEDS 2230M ²	REQUIRED REQUIRED PERMITTED REQUIRED NOT REQUIRED NOT REQUIRED NOT REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED REQUIRED
F	FIRE WATER TANKS MATERIALS DESIGN/COMPARTMENTATION SMOKE CONTROL / EMERGENCY VENTILATION VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING: 1.1 NATURAL VENTILATION;	COMPLYING WITH NFPA 22 NON-COMBUSTIBLE MATERIAL GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE) TWO (2) COMPARTMENTS COMPLYING WITH NFPA 92 & NFPA 204 FIRE AREA EXCEEDING 1115M ² TOTAL AREA OF ALL FLOORS EXCEEDS 2230M ² BULK STORAGE OF TIRES EXCEEDS 566M ²	REQUIRED REQUIRED PERMITTED REQUIRED NOT REQUIRED NOT REQUIRED NOT REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED
F	FIRE WATER TANKS MATERIALS DESIGN/COMPARTMENTATION SMOKE CONTROL / EMERGENCY VENTILATION VENTILATION / SMOKE CONTROL SYSTEM BY ANY OF THE FOLLOWING: 1.1 NATURAL VENTILATION; 1.2 MECHANICAL VENTILATION & SMOKE CONTROL SYSTEM AND/OR 1.3 MECHANICAL VENTILATION BY	COMPLYING WITH NFPA 22 NON-COMBUSTIBLE MATERIAL GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE) TWO (2) COMPARTMENTS COMPLYING WITH NFPA 92 & NFPA 204 FIRE AREA EXCEEDING 1115M² TOTAL AREA OF ALL FLOORS EXCEEDS 2230M² BULK STORAGE OF TIRES EXCEEDS 566M² MINI-STORAGE BUILDINGS 232M² EXIT STAIRCASES CONNECTS MORE THAN FIVE (5)	REQUIRED REQUIRED PERMITTED REQUIRED NOT REQUIRED NOT REQUIRED NOT REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED	REQUIRED REQUIRED PERMITTED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

Note:

*This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

**Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

FPR-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

*NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

INDUSTRIAL OCCUPANCIES

1	APPLICATIONS		INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS			
	DRY CLEANING PLANTS / FACTORIES OF ALL KIN HANGARS (FOR SERVICING/MAINTENANCE) / LAU REFINERIES / SAWMILLS	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED				
II	OCCUPANCY CLASSIFICATION*	BUILDING AREA AND HEIGHT REQUIREMENTS				
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION				
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000	CHAPTER 7 TABLE 7.4.1 FOR THE AI AREA REQUIREMENTS	LOWABLE BUILDING HEIGHT AND	
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-		•		
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:					
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY /	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / N	METAL PRODUCTS (FABRICATION & ASSEM	BLY / TELECOMMUNICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES	
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:					
	CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE	OBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (A CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / I PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY , OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / P TOBACCO / TRAILERS / UPHOLSTERING / WOOD (I	DRY CLEANING & DYEING / ELECTRIC LIGHT / METALS / MILLWORKS (SASH & DOOR) / I RINTING OR PUBLISHING / RECREATIONAL	PLANTS & POWER HOUSES / ELECTRONIC MOTION PICTURES & TELEVISION FILMING VEHICLES / REFUSE INCINERATIONS / SHO	S / ENGINES (INCLUDING REBUILDING) / J / MOTOR VEHICLES REPAIR GARAGES /	
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPOSE INDUSTRIAL	GENERAL INDUSTRIAL	HIGH HAZARD INDUSTRIAL	
			LOW HAZARD ORDINARY	LOW HAZARD ORDINARY		
III	BUILDING AND SITE ACCESS FOR FIRE FIGHTING & R	ESCUE				
Α	SITE ACCESS	4.0M MIN. CLEAR WIDTH & 4.5M MIN. CLEAR HEIGHT	REQUIRED	REQUIRED	REQUIRED	
		4.0M MIN. WIDTH AND 24 TON LOAD CAPACITY				
В	ACCESS ROAD	WITHIN A TRAVEL DISTANCE OF 45M FROM EVERY POINT ON PROJECTED PLAN AREA OF ANY BUILDING.	REQUIRED	REQUIRED	REQUIRED	
		LENGTH OR NUMBER BASE ON THE GROSS FLOOR AREA OF THE BUILDING	REQUIRED	REQUIRED	REQUIRED	
С	FIRE ENGINE HARDSTANDING	6M X 15M (MINIMUM), WITH LONGER SIDE PARALLEL TO THE FAÇADE OF THE BUILDING	REQUIRED	REQUIRED	REQUIRED	
		POSITIONED SO THAT THE NEARER EDGE SHALL NOT BE LESS THAN 2M OR NOT MORE THAN 10M FROM THE CENTRE POSITION OF THE ACCESS OPENING, MEASURED HORIZONTALLY.	REQUIRED	REQUIRED	REQUIRED	



ı	APPLICATIONS			INDUSTRI	AL OCCUPANCIES -	FACTORY AND W	INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS		
	HANGARS (FOR SERVICING/MAINTENANCE) / LA	NDS / FOOD PROCESSING PLANTS / GAS PLANTS / LUNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED						
II	OCCUPANCY CLASSIFICATION*		BUILDING AREA AND HEIGHT REQUIREMENTS						
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION							
В	GENERAL INDUSTRIAL OCCUPANCY LOW AND ORDINARY HAZARD CLASSIFICATION			WITH NFPA 500	0 CHAPTER 7 TABLI AREA REQL	_	LLOWABLE BUILDING HEIGHT AND		
С	HIGH HAZARD INDUSTRIAL OCCUPANCY								
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:	•							
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY	/ CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / I	METAL PRODUCTS (FAI	BRICATION & ASSEM	IBLY / TELECOMMUNI	CATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES		
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:								
	FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE	S CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / I E PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY , OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / F TOBACCO / TRAILERS / UPHOLSTERING / WOOD (I	/ METALS / MILLWORK RINTING OR PUBLISHI DISTILLATION) / WOOD	S (SASH & DOOR) / NG / RECREATIONAL DWORKING (CABINE	MOTION PICTURES & L VEHICLES / REFUSE II T MAKING)	TELEVISION FILMING NCINERATIONS / SHO	6 / MOTOR VEHICLES REPAIR GARAGES /		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPO LOW HAZARD	ORDINARY	GENERAL II LOW HAZARD	ORDINARY	HIGH HAZARD INDUSTRIAL		
D	FIRE COMMAND CENTER	OTHER THAN HIGH-RISE WITH EMERGENCY VOICE COMMUNICATION AND/OR SMOKE CONTROL SYSTEM	REQU	IRED	REQU	IIRED	REQUIRED		
		9M ² MINIMUM WORKING SPACE/AREA (LEAST DIMENSION 2.5M)							
E	FIRE LIFT	COMPLYING WITH ALL FIRE LIFTS REQUIREMENTS	TO COMP REQUIREME PROVIDED AS	NTS WHEN	TO COMF REQUIREME PROVIDED/	NTS WHEN	TO COMPLY WITH REQUIREMENTS WHEN		
IV	MEANS OF FORESS (ERR* FIRE RESISTANCE RATING						PROVIDED/REQUIRED		
	WILANS OF EGRESS (FRICT TIRE RESISTANCE RATING	/ FPR** FIRE PROTECTION RATING)				<u> </u>	PROVIDED/REQUIRED		
Α	GENERAL REQUIREMENTS	/ FPR** FIRE PROTECTION RATING)					PROVIDED/REQUIRED		
A 1	· ·	/ FPR** FIRE PROTECTION RATING) COMPLYING WITH CHAPTER 7 NFPA 101	REQU	IRED	REQU	IIRED	PROVIDED/REQUIRED REQUIRED		
	GENERAL REQUIREMENTS		REQU		REQU				
	GENERAL REQUIREMENTS SEPARATION OF MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101 SERVING AN AREA HAVING AN OCCUPANT LOAD	•	FRR*	,	FRR*	REQUIRED		
	GENERAL REQUIREMENTS SEPARATION OF MEANS OF EGRESS EXIT ACCESS CORRIDORS	COMPLYING WITH CHAPTER 7 NFPA 101 SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30	1-HR	FRR*	1-HR	FRR*	REQUIRED 1-HR FRR*		



ı	APPLICATIONS		INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS			
	DRY CLEANING PLANTS / FACTORIES OF ALL KINDS / FOOD PROCESSING PLANTS / GAS PLANTS / HANGARS (FOR SERVICING/MAINTENANCE) / LAUNDRIES/ POWER PLANTS / PUMPING STATIONS / REFINERIES / SAWMILLS / TELEPHONE EXCHANGES		AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED			
11	OCCUPANCY CLASSIFICATION*		BUILDING AREA AND HEIGHT REQUIREMENTS			
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION				
В	GENERAL INDUSTRIAL OCCUPANCY	IN ACCORDANCE WITH NFPA		LE 7.4.1 FOR THE A UIREMENTS	LLOWABLE BUILDING HEIGHT AND	
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-			•	
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:					
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY /	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / I	METAL PRODUCTS (FABRICATION &	SSEMBLY / TELECOMMUN	NICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:					
	CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE	OBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (A CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / I PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY , DR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / P TOBACCO / TRAILERS / UPHOLSTERING / WOOD (I	DRY CLEANING & DYEING / ELECTRIC / METALS / MILLWORKS (SASH & DO RINTING OR PUBLISHING / RECREAT	LIGHT PLANTS & POWER F DR) / MOTION PICTURES & ONAL VEHICLES / REFUSE	HOUSES / ELECTRONIC TELEVISION FILMING	CS / ENGINES (INCLUDING REBUILDING) / G / MOTOR VEHICLES REPAIR GARAGES /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPOSE INDUSTR LOW HAZARD ORDINAR		ORDINARY	HIGH HAZARD INDUSTRIAL
	CONSTRUCTION	LIMITED OR NON-COMBUSTIBLE MATERIALS	REQUIRED	REQ	UIRED	REQUIRED
	OPENINGS AND PENETRATIONS IN EXIT ENCLOSURE	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERM	NITTED	PERMITTED
2	EXITS HEADROOM	NOT LESS THAN 2285MM	REQUIRED	REQ	UIRED	REQUIRED
	HEADROOM ON STAIRS	NOT LESS THAN 2285MM	REQUIRED	REQ	UIRED	REQUIRED
	HEADROOM IN INDUSTRIAL EQUIPMENT ACCESS	AS PROVIDED IN CHAPTER 40 NFPA 101	PERMITTED	PERM	/IITTED	PERMITTED
3	WALKING SURFACES IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED
4	CHANGES IN LEVEL IN THE MEANS OF EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQ	UIRED	REQUIRED
5	GUARDS	PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQ	UIRED	REQUIRED
6	IMPEDIMENT TO EGRESS		NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED
7	MEANS OF EGRESS RELIABILITY	CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTION OR IMPEDIMENTS	REQUIRED	REQ	UIRED	REQUIRED
	FURNISHING AND DECORATION	FURNITURES OR MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PE	RMITTED	NOT PERMITTED



SPIRAL STAIRS

FIRE PREVENTION DEPARTMENT GENERAL DIRECTORATE OF CIVIL DEFENCE MINISTRY OF INTERIOR, STATE OF QATAR

BUILDING PLAN - FIRE SAFETY GUIDE

ı	APPLICATIONS		INDUSTRIA	AL OCCUPANCIES - FACTORY AND W	/ORKSHOPS
	HANGARS (FOR SERVICING/MAINTENANCE) / LA	IDS / FOOD PROCESSING PLANTS / GAS PLANTS / UNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES		UCTS ARE MANUFACTURED OR IN V SHING, DECORATING, OR REPAIR OP	
П	OCCUPANCY CLASSIFICATION*		BUIL	DING AREA AND HEIGHT REQUIREN	1ENTS
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION			
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1 FOR THE ALLOWABLE BUILDING HEIGHT AND AREA REQUIREMENTS		
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-			
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:				
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / N	METAL PRODUCTS (FABRICATION & ASSEM	BLY / TELECOMMUNICATION SIGNAL PRO	OCESSING / TELEPHONE EXCHANGES
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:				
	CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE	IOBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (A CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / I PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY , OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / P TOBACCO / TRAILERS / UPHOLSTERING / WOOD (I	ORY CLEANING & DYEING / ELECTRIC LIGHT / METALS / MILLWORKS (SASH & DOOR) / N PRINTING OR PUBLISHING / RECREATIONAL	PLANTS & POWER HOUSES / ELECTRONI MOTION PICTURES & TELEVISION FILMIN VEHICLES / REFUSE INCINERATIONS / SH	CS / ENGINES (INCLUDING REBUILDING) / G / MOTOR VEHICLES REPAIR GARAGES /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPOSE INDUSTRIAL	GENERAL INDUSTRIAL	HIGH HAZARD INDUSTRIAL
	TIME SIVE TITROVISIONS	WINTER NEGOTIENTS	LOW HAZARD ORDINARY	LOW HAZARD ORDINARY	THOTTINIES INDOORTINIE
В	MEANS OF EGRESS COMPONENTS				
1					
	FIRE DOORS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED
		COMPLYING WITH CHAPTER 7 NFPA 101 ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED REQUIRED	REQUIRED REQUIRED	REQUIRED REQUIRED
	FIRE DOORS SIDE-HINGE OR PIVOTED-SWINGING TYPE		,	•	•
		ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	REQUIRED	REQUIRED
	SIDE-HINGE OR PIVOTED-SWINGING TYPE	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS MINIMUM DOOR LEAF WIDTH	REQUIRED 810MM	REQUIRED 810MM	REQUIRED 810MM
	SIDE-HINGE OR PIVOTED-SWINGING TYPE HORIZONTAL SLIDING DOORS	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS MINIMUM DOOR LEAF WIDTH OCCUPANT LOAD OF FEWER THAN 10 OCCUPANT LOAD OF FEWER THAN 10 COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED 810MM PERMITTED	REQUIRED 810MM PERMITTED	REQUIRED 810MM PERMITTED
	SIDE-HINGE OR PIVOTED-SWINGING TYPE HORIZONTAL SLIDING DOORS VERTICAL ROLLING DOORS	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS MINIMUM DOOR LEAF WIDTH OCCUPANT LOAD OF FEWER THAN 10 OCCUPANT LOAD OF FEWER THAN 10	REQUIRED 810MM PERMITTED PERMITTED	REQUIRED 810MM PERMITTED PERMITTED	REQUIRED 810MM PERMITTED PERMITTED
	SIDE-HINGE OR PIVOTED-SWINGING TYPE HORIZONTAL SLIDING DOORS VERTICAL ROLLING DOORS REVOLVING DOORS/POWERED DOORS	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS MINIMUM DOOR LEAF WIDTH OCCUPANT LOAD OF FEWER THAN 10 OCCUPANT LOAD OF FEWER THAN 10 COMPLYING WITH CHAPTER 7 NFPA 101 IN ALL DOORS REQUIRED TO BE NORMALLY KEPT	REQUIRED 810MM PERMITTED PERMITTED PERMITTED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED
2	SIDE-HINGE OR PIVOTED-SWINGING TYPE HORIZONTAL SLIDING DOORS VERTICAL ROLLING DOORS REVOLVING DOORS/POWERED DOORS	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS MINIMUM DOOR LEAF WIDTH OCCUPANT LOAD OF FEWER THAN 10 OCCUPANT LOAD OF FEWER THAN 10 COMPLYING WITH CHAPTER 7 NFPA 101 IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED
2	SIDE-HINGE OR PIVOTED-SWINGING TYPE HORIZONTAL SLIDING DOORS VERTICAL ROLLING DOORS REVOLVING DOORS/POWERED DOORS SELF-CLOSING DEVICES	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS MINIMUM DOOR LEAF WIDTH OCCUPANT LOAD OF FEWER THAN 10 OCCUPANT LOAD OF FEWER THAN 10 COMPLYING WITH CHAPTER 7 NFPA 101 IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED COMPLYING WITH CHAPTER 7 NFPA 101 NON-COMBUSTIBLE GRATED STAIR TREADS AND	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED REQUIRED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED REQUIRED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED REQUIRED
2	SIDE-HINGE OR PIVOTED-SWINGING TYPE HORIZONTAL SLIDING DOORS VERTICAL ROLLING DOORS REVOLVING DOORS/POWERED DOORS SELF-CLOSING DEVICES	ANY DOOR ASSEMBLY IN A MEANS OF EGRESS MINIMUM DOOR LEAF WIDTH OCCUPANT LOAD OF FEWER THAN 10 OCCUPANT LOAD OF FEWER THAN 10 COMPLYING WITH CHAPTER 7 NFPA 101 IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED COMPLYING WITH CHAPTER 7 NFPA 101 NON-COMBUSTIBLE GRATED STAIR TREADS AND LANDINGS	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED REQUIRED PERMITTED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED REQUIRED PERMITTED	REQUIRED 810MM PERMITTED PERMITTED PERMITTED REQUIRED REQUIRED PERMITTED

1420MM

PERMITTED

1420MM

PERMITTED

≥ 2000 PERSON

COMPLYING WITH CHAPTER 7 NFPA 101

1420MM

PERMITTED



ı	APPLICATIONS		INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS				
	DRY CLEANING PLANTS / FACTORIES OF ALL KINDS / FOOD PROCESSING PLANTS / GAS PLANTS / HANGARS (FOR SERVICING/MAINTENANCE) / LAUNDRIES/ POWER PLANTS / PUMPING STATIONS / REFINERIES / SAWMILLS / TELEPHONE EXCHANGES				UCTS ARE MANUFACTURED OR IN W SHING, DECORATING, OR REPAIR OPE	· · · · · · · · · · · · · · · · · · ·	
II	OCCUPANCY CLASSIFICATION*	BUILDING AREA AN			DING AREA AND HEIGHT REQUIREM	A AND HEIGHT REQUIREMENTS	
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HA	ZARD CLASSIFICATION				
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HA	ZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000	CHAPTER 7 TABLE 7.4.1 FOR THE AI AREA REQUIREMENTS	LOWABLE BUILDING HEIGHT AND	
С	HIGH HAZARD INDUSTRIAL OCCUPANCY		-	ANEA REQUIREMENTS			
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:						
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY /	CERAMIC / FOUNDRIES / GLAS	SS PRODUCTS / GYPSUM / ICE / I	METAL PRODUCTS (FABRICATION & ASSEM	BLY / TELECOMMUNICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES	
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:						
	CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE MUSICAL INSTRUMENTS / OPTICAL GOODS / PAPER MILLS (PRODUCTS / LAUNDRIES / LEA ⁻ OR PRODUCTS / PHOTOGRAPH	THER PRODUCTS / MACHINERY , IC FILM / PLASTIC PRODUCTS / P	/ METALS / MILLWORKS (SASH & DOOR) / I	MOTION PICTURES & TELEVISION FILMING VEHICLES / REFUSE INCINERATIONS / SHO	/ MOTOR VEHICLES REPAIR GARAGES /	
	FIRE SAFETY PROVISIONS	MINIMUM R	EQUIREMENTS	LOW HAZARD ORDINARY	LOW HAZARD ORDINARY	HIGH HAZARD INDUSTRIAL	
	CURVE STAIRS	COMPLYING WITH CHAP	TER 7 NFPA 101	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	
	WINDERS	COMPLYING WITH CHAP	TER 7 NFPA 101	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	
	GUARDS AND HANDRAILS	COMPLYING WITH CHAP	TER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED	
	OUTSIDE STAIRS	COMPLYING WITH CHAP	TER 7 NFPA 101	PERMITTED	PERMITTED	PERMITTED	
	ENCLOSURE AND PROTECTION OF STAIRS	COMPLYING WITH CHAP		REQUIRED	REQUIRED	REQUIRED	
	THE OCUPE	ALL INSIDE STAIR S COMPONENT	SERVING AS AN EXIT	REQUIRED	REQUIRED	REQUIRED	
	ENCLOSURES	DOORS FPR**	≤3 STORY / ≥3 STORY	1-HR FPR**/1.5-HR FPR**	1-HR FPR**/1.5-HR FPR**	1-HR FPR**/1.5-HR FPR**	
		ENCLOSURES FRR*	≤3 STORY / ≥3 STORY	1-HR FRR*/2-HRS FRR*	1-HR FRR*/2-HRS FRR*	1-HR FRR*/2-HRS FRR*	
	ENCLOSURE EXEMPTION	PENETRATING ONE FLOO ONLY	OR LEVEL OR MEZZANINE	PERMITTED	PERMITTED	PERMITTED	
	EXPOSURES		NGS WITHIN 3050MM N EXTERIOR STAIRWAY	1-HR FRR*	1-HR FRR*	1-HR FRR*	
	USEABLE SPACE	WITHIN EXIT ENCLOSURE		NOT PERMITTED	NOT PERMITTED	NOT PERMITTED	
	OSLABLE SPACE	UNDER STAIRS IN ACCOR	DANCE WITH NFPA 101	PERMITTED	PERMITTED	PERMITTED	



ı	APPLICATIONS		INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS				
	HANGARS (FOR SERVICING/MAINTENANCE) / LAU	DS / FOOD PROCESSING PLANTS / GAS PLANTS / JNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED				
Ш	OCCUPANCY CLASSIFICATION*		BUIL	DING AREA AND HEIGHT REQUIREM	ENTS		
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION					
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000	O CHAPTER 7 TABLE 7.4.1 FOR THE AI AREA REQUIREMENTS	LOWABLE BUILDING HEIGHT AND		
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-		, <u></u>			
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:						
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY / CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / METAL PRODUCTS (FABRICATION & ASSEMBLY / TELECOMMUNICATION SIGNAL PROCESSING / TELEPHONE EXCHANGES						
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:						
	AIRCRAFT / APPLIANCES / ATHLETIC EQUIPMENT / AUTOMOBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (ALCOHOLIC) / BICYCLES / BOAT BUILDING / BROOMS & BRUSHES / BUSINESS MACHINES / CAMERAS & PHOTO EQUIPMENT / CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / DRY CLEANING & DYEING / ELECTRIC LIGHT PLANTS & POWER HOUSES / ELECTRONICS / ENGINES (INCLUDING REBUILDING) / FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY / METALS / MILLWORKS (SASH & DOOR) / MOTION PICTURES & TELEVISION FILMING / MOTOR VEHICLES REPAIR GARAGES / MUSICAL INSTRUMENTS / OPTICAL GOODS / PAPER MILLS OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / PRINTING OR PUBLISHING / RECREATIONAL VEHICLES / REFUSE INCINERATIONS / SHOES / SOAPS & DETERGENTS / TEXTILES / TOBACCO / TRAILERS / UPHOLSTERING / WOOD (DISTILLATION) / WOODWORKING (CABINET MAKING)						
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPOSE INDUSTRIAL LOW HAZARD ORDINARY	GENERAL INDUSTRIAL LOW HAZARD ORDINARY	HIGH HAZARD INDUSTRIAL		
	STAIRWAY IDENTIFICATION	SERVING 3 OR MORE STOREYS	REQUIRED	REQUIRED	REQUIRED		
	EXIT STAIR PATH MARKINGS	ALL STAIR COMPONENTS	REQUIRED	REQUIRED	REQUIRED		
	PERIMETER DEMARCATION MARKING	COMPLYING WITH NFPA 101	REQUIRED	REQUIRED	REQUIRED		
	LOCK, LATCHES & ALARM DEVICES	COMPLYING WITH NFPA 101	PERMITTED	PERMITTED	PERMITTED		
	RE-ENTRY PROVISIONS	LOCKED STAIRS EXCEEDING 4 STOREYS	REQUIRED	REQUIRED	REQUIRED		
3	RAMPS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	PERMITTED		
4	INDUSTRIAL EQUIPMENT ACCESS RAMPS / PLATFORMS / WALKWAYS / STAIRS AND DOORS	COMPLYING WITH THE DIMENSIONAL CRITERIA IN NFPA 101 TABLE 40.2.5.2.1 / 40.2.5.2.2	PERMITTED	PERMITTED	PERMITTED		
		≥4 STOREYS OR ROOFS 12M ABOVE GRADE PLANE	REQUIRED	REQUIRED	REQUIRED		
5	ROOF ACCESS	ONE AT EACH 9300M ² ROOF AREA	REQUIRED	REQUIRED	REQUIRED		
3	NOOI ACCESS	FLAT ROOFS OR ROOF PITCH < 3 IN 12	REQUIRED	REQUIRED	REQUIRED		
		STAIRS AS ACCESS WITH OPERABLE DOORS	REQUIRED	REQUIRED	REQUIRED		
6	SMOKE PROOF ENCLOSURES	FRR* (FIRE RESISTANCE RATING)					
		INTERIOR STAIR SERVING AS AN EXIT COMPONENT	REQUIRED	REQUIRED	REQUIRED		
	STAIR ENCLOSURES	OPEN STAIR PENETRATING ONE (1) FLOOR LEVEL ONLY	PERMITTED	PERMITTED	NOT PERMITTED		



I	APPLICATIONS		INDUSTRIA	AL OCCUPANCIES - FACTORY AND W	ORKSHOPS			
	HANGARS (FOR SERVICING/MAINTENANCE) / LAI	DS / FOOD PROCESSING PLANTS / GAS PLANTS / JNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED					
Ш	OCCUPANCY CLASSIFICATION*		BUIL	DING AREA AND HEIGHT REQUIREM	ENTS			
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1 FOR THE ALLOWABLE BUILDING HEIGHT AND AREA REQUIREMENTS					
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION						
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-		•				
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:							
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY /	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / I	METAL PRODUCTS (FABRICATION & ASSEM	BLY / TELECOMMUNICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES			
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:							
	AIRCRAFT / APPLIANCES / ATHLETIC EQUIPMENT / AUTOMOBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (ALCOHOLIC) / BICYCLES / BOAT BUILDING / BROOMS & BRUSHES / BUSINESS MACHINES / CAMERAS & PHOTO EQUIPMENT / CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / DRY CLEANING & DYEING / ELECTRIC LIGHT PLANTS & POWER HOUSES / ELECTRONICS / ENGINES (INCLUDING REBUILDING) / FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY / METALS / MILLWORKS (SASH & DOOR) / MOTION PICTURES & TELEVISION FILMING / MOTOR VEHICLES REPAIR GARAGES / MUSICAL INSTRUMENTS / OPTICAL GOODS / PAPER MILLS OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / PRINTING OR PUBLISHING / RECREATIONAL VEHICLES / REFUSE INCINERATIONS / SHOES / SOAPS & DETERGENTS / TEXTILES / TOBACCO / TRAILERS / UPHOLSTERING / WOOD (DISTILLATION) / WOODWORKING (CABINET MAKING)							
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPOSE INDUSTRIAL LOW HAZARD ORDINARY	GENERAL INDUSTRIAL LOW HAZARD ORDINARY	HIGH HAZARD INDUSTRIAL			
		IN EVERY FIRE LIFT PROVISIONS						
		ADJACENT AND ACCESSIBLE TO AN EXIT STAIRCASE						
		SERVES AS A COMMON LOBBY FOR BOTH FIRE LIFT AND THE ADJACENT EXIT STAIRCASE	REQUIRED WHEN FIRE LIFT/S PROVIDED	REQUIRED WHEN FIRE LIFT/S PROVIDED	REQUIRED WHEN FIRE LIFT/S PROVIDED			
	FIRE FIGHTING LOBBY (F/F LOBBY)	6M ² MINIMUM WORKING SPACE/AREA (2.0M LEAST SIDE DIMENSIONS)						
		PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQUIREMENTS			
		HIGH–RISE BUILDINGS WITH HABITABLE HEIGHT HIGHER THAN 28 METERS	REQUIRED	REQUIRED	REQUIRED			
		BASEMENT LEVEL/S EXCEED 9.0M METERS DEPTH	REQUIRED	REQUIRED	REQUIRED			
	SMOKE-STOP LOBBY (S/S LOBBY)	BUILDING TRAVERSES MORE THAN FIVE (5) FLOOR LEVELS INCLUDING BASEMENT/S AND BELONGS TO A PLACE OF PUBLIC RESORT (ASSEMBLY & HEALTHCARE OCCUPANCY) REGARDLESS OF THE HABITABLE HEIGHT.	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE			



1	APPLICATIONS		INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS					
	HANGARS (FOR SERVICING/MAINTENANCE) / LAI	DS / FOOD PROCESSING PLANTS / GAS PLANTS / JNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED					
II	OCCUPANCY CLASSIFICATION*		BUIL	DING AREA AND HEIGHT REQUIREM	ENTS			
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION						
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000	CHAPTER 7 TABLE 7.4.1 FOR THE AI AREA REQUIREMENTS	LLOWABLE BUILDING HEIGHT AND			
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-		•				
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:							
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY /	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / N	METAL PRODUCTS (FABRICATION & ASSEM	BLY / TELECOMMUNICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES			
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:							
	AIRCRAFT / APPLIANCES / ATHLETIC EQUIPMENT / AUTOMOBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (ALCOHOLIC) / BICYCLES / BOAT BUILDING / BROOMS & BRUSHES / BUSINESS MACHINES / CAMERAS & PHOTO EQUIPMENT / CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / DRY CLEANING & DYEING / ELECTRIC LIGHT PLANTS & POWER HOUSES / ELECTRONICS / ENGINES (INCLUDING REBUILDING) / FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY / METALS / MILLWORKS (SASH & DOOR) / MOTION PICTURES & TELEVISION FILMING / MOTOR VEHICLES REPAIR GARAGES / MUSICAL INSTRUMENTS / OPTICAL GOODS / PAPER MILLS OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / PRINTING OR PUBLISHING / RECREATIONAL VEHICLES / REFUSE INCINERATIONS / SHOES / SOAPS & DETERGENTS / TEXTILES / TOBACCO / TRAILERS / UPHOLSTERING / WOOD (DISTILLATION) / WOODWORKING (CABINET MAKING)							
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPOSE INDUSTRIAL LOW HAZARD ORDINARY	GENERAL INDUSTRIAL LOW HAZARD ORDINARY	HIGH HAZARD INDUSTRIAL			
		3M ² MIN. AREA (LEAST SIDE DIMENSION 1.8M)	REQUIRED REQUIRED		REQUIRED			
	SMOKE-STOP LOBBY (S/S LOBBY)	PROVISIONS AT THE LEVEL OF EXIT DISCHARGE	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS	NOT REQUIRED IF EXITS COMPLIES WITH EXIT DISCHARGE REQ'TS			
	SMOKE-STOP LOBBY AND FIRE FIGHTING LOBBY DOORS AND WALL ENCLOSURES	1.5-HR FPR** FIRE PROTECTION RATING/2-HRS FRR* FIRE RESISTANCE RATING	REQUIRED WHEN LOBBY'S PROVIDED	REQUIRED WHEN LOBBY'S PROVIDED	REQUIRED WHEN LOBBY'S PROVIDED			
7	HORIZONTAL EXITS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	NOT PERMITTED			
0	EVIT DASCA CELMANS	ENCLOSURE & SEPARATION FIRE RESISTANCE RATING COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED			
8	EXIT PASSAGEWAYS	MINIMUM WIDTH NOT LESS THAN ¾ OF THE WIDTH OF THE EXIT STAIR	REQUIRED	REQUIRED	REQUIRED			
9	ESCALATORS & MOVING WALKS	AS PART OF THE REQUIRED MEANS OF EGRESS AS PER NFPA 101/ASME A17.1 & CSA B44	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED			
10	FIRE ESCAPE STAIRS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	PERMITTED			
11	FIRE ESCAPE LADDERS	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	NOT PERMITTED			
12	SLIDE ESCAPES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	PERMITTED			
13	ALTERNATING TREAD DEVICES	COMPLYING WITH CHAPTER 7 NFPA 101	PERMITTED	PERMITTED	NOT PERMITTED			



APPLICATIONS

FIRE PREVENTION DEPARTMENT GENERAL DIRECTORATE OF CIVIL DEFENCE MINISTRY OF INTERIOR, STATE OF QATAR

BUILDING PLAN - FIRE SAFETY GUIDE

INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS

	HANGARS (FOR SERVICING/MAINTENANCE) / LA	IDS / FOOD PROCESSING PLANTS / GAS PLANTS / UNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED				
II	OCCUPANCY CLASSIFICATION*		BUI	LDING AREA AND HEIGHT REQUIREM	ENTS		
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION					
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 500	O CHAPTER 7 TABLE 7.4.1 FOR THE A	LOWABLE BUILDING HEIGHT AND		
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-		/III.Z/ III.ZQ III.Z. I			
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:						
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY	/ CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / I	METAL PRODUCTS (FABRICATION & ASSEN	1BLY / TELECOMMUNICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES		
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:						
	FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE	CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / I PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY, OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / F TOBACCO / TRAILERS / UPHOLSTERING / WOOD (I	/ METALS / MILLWORKS (SASH & DOOR) / PRINTING OR PUBLISHING / RECREATIONAL	MOTION PICTURES & TELEVISION FILMING L VEHICLES / REFUSE INCINERATIONS / SHO	/ MOTOR VEHICLES REPAIR GARAGES /		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPOSE INDUSTRIAL	GENERAL INDUSTRIAL	HIGH HAZARD INDUSTRIAL		
			LOW HAZARD ORDINARY	LOW HAZARD ORDINARY			
14	AREAS OF REFUGE	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED		
15	ELEVATORS	AS SECOND MEANS OF EGRESS FROM A TOWER & COMPLYING WITH NFPA 101/ASME A17.1/CSA B44	PERMITTED	PERMITTED	PERMITTED		
	ELEVATOR DOORS	OPENING INTO EXIT ENCLOSURES	NOT PERMITTED	NOT PERMITTED	NOT PERMITTED		
С	CAPACITY OF MEANS OF EGRESS						
1	OCCUPANT LOAD	NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTORS	NO REQUIREMENTS	9.3M²/PERSON	9.3M²/PERSON		
2	EGRESS CAPACITY	NFPA 101 TABLE 7.3.3.1 CAPACITY FACTORS	REQUIRED	REQUIRED	REQUIRED		
D	NUMBER OF EXITS						
		SERVING ALL FLOOR LEVELS	NOT LESS THAN 2 EXITS REQUIRED	NOT LESS THAN 2 EXITS REQUIRED	NOT LESS THAN 2 EXITS REQUIRED		
1	SINGLE EXIT	SERVING ALL FLOOR LEVELS IN MEZZANINES WITH EXIT TRAVEL WITHIN COMMON PATH LIMIT					
1	SINGLE EXIT	IN MEZZANINES WITH EXIT TRAVEL WITHIN	REQUIRED	REQUIRED	REQUIRED		



F

SPECIAL MEANS OF EGRESS PROVISIONS

1 FIREMEN ACCESS PANELS

FIRE PREVENTION DEPARTMENT GENERAL DIRECTORATE OF CIVIL DEFENCE MINISTRY OF INTERIOR, STATE OF QATAR

BUILDING PLAN - FIRE SAFETY GUIDE

1	APPLICATIONS				ı	NDUSTRI	AL OCCUPANCIES - FACTORY AND WORKSHOPS					
	HANGARS (FOR SERVICING/MAINTENANCE) / LAI	DS / FOOD PROCESSING PLANTS / GAS PLANTS / JNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED									
II	OCCUPANCY CLASSIFICATION*	BUILD			LDING AR	EA AND F	EIGHT RE	QUIREM	ENTS			
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION										
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1 FOR THE ALLOWABLE BUILDING HEIGHT A AREA REQUIREMENTS					NG HEIGHT AND				
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-										
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:											
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY /	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE /	/ METAL PRODUCTS (FABRICATION & ASSEMBLY / TELECOMMUNICATION SIGNAL PROCESSING / TELEPHONE EXCHANGES									
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:											
	AIRCRAFT / APPLIANCES / ATHLETIC EQUIPMENT / AUTOMOBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (ALCOHOLIC) / BICYCLES / BOAT BUILDING / BROOMS & BRUSHES / BUSINESS MACHINES / CAMERAS & PHOTO EQUIPMENT / CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / DRY CLEANING & DYEING / ELECTRIC LIGHT PLANTS & POWER HOUSES / ELECTRONICS / ENGINES (INCLUDING REBUILDING) / FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY / METALS / MILLWORKS (SASH & DOOR) / MOTION PICTURES & TELEVISION FILMING / MOTOR VEHICLES REPAIR GARAGES / MUSICAL INSTRUMENTS / OPTICAL GOODS / PAPER MILLS OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / PRINTING OR PUBLISHING / RECREATIONAL VEHICLES / REFUSE INCINERATIONS / SHOES / SOAPS & DETERGENTS / TEXTILES / TOBACCO / TRAILERS / UPHOLSTERING / WOOD (DISTILLATION) / WOODWORKING (CABINET MAKING)											
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS								SPECIAL-PURPOSE INDUSTRIAL LOW HAZARD ORDINARY LOW HAZARD ORDINARY		
3	3 SEPARATE EXITS		REQUIRED REQUIRED									
		EQUAL OR MORE THAN 500 OCCUPANTS		REQU	JIRED			REQU	JIRED		REQU	JIRED
4	4 SEPARATE EXITS	EQUAL OR MORE THAN 500 OCCUPANTS EQUAL OR MORE THAN 1000 OCCUPANTS		REQU				REQU REQU				JIRED JIRED
4 E			NS*			S**	NS*			S**		
<u> </u>	4 SEPARATE EXITS	EQUAL OR MORE THAN 1000 OCCUPANTS	NS* 91M	REQU	JIRED	S** 122M	NS* 61M	REQU	JIRED	S** 76M	REQU	JIRED
E	4 SEPARATE EXITS ARRANGEMENT OF EXITS	EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED)		REQU S**	NS*			REQU	NS*		REQU NS* NOT	JIRED S**
E 1	4 SEPARATE EXITS ARRANGEMENT OF EXITS TRAVEL DISTANCE	EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED) NFPA 101 TABLE 40.2.6	91M	8EQU S**	NS*	122M	61M	8** 76M	NS*	76M	NS* NOT PERMITTED	S** 23M
1 2	4 SEPARATE EXITS ARRANGEMENT OF EXITS TRAVEL DISTANCE COMMON PATH LIMIT	EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED) NFPA 101 TABLE 40.2.6 NFPA 101 TABLE 40.2.5	91M 30M	8EQU 5** 12M 15M	91M 30M 30M	122M 15M	61M 30M	8EQU 5** 76M 15M	NS* 61M 30M 30M	76M 15M	NS* NOT PERMITTED PROHIBITED PROHIBITED	S** 23M PROHIBITED
E 1 2 3	4 SEPARATE EXITS ARRANGEMENT OF EXITS TRAVEL DISTANCE COMMON PATH LIMIT DEAD-END CORRIDOR	EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED) NFPA 101 TABLE 40.2.6 NFPA 101 TABLE 40.2.5 NFPA 101 TABLE 40.2.5	91M 30M	REQU S** 12M 15M 15M	NS* 91M 30M 30M JIRED	122M 15M	61M 30M	76M 15M	NS* 61M 30M 30M JIRED	76M 15M	REQU NS* NOT PERMITTED PROHIBITED PROHIBITED REQU	S** 23M PROHIBITED PROHIBITED
1 2 3 4	4 SEPARATE EXITS ARRANGEMENT OF EXITS TRAVEL DISTANCE COMMON PATH LIMIT DEAD-END CORRIDOR EXIT DISCHARGE	EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED) NFPA 101 TABLE 40.2.6 NFPA 101 TABLE 40.2.5 NFPA 101 TABLE 40.2.5 COMPLYING WITH NFPA 101	91M 30M 30M	REQU S** 12M 15M 15M REQU	91M 30M 30M JIRED HAN 2 EX	122M 15M 15M	61M 30M 30M	76M 15M 15M REQU	NS* 61M 30M 30M JIRED ITTED	76M 15M 15M	REQUENTS NOT PERMITTED PROHIBITED PROHIBITED REQUENTS PERMITTED PERMITTED	S** 23M PROHIBITED PROHIBITED JIRED
E 1 2 3 4 5	4 SEPARATE EXITS ARRANGEMENT OF EXITS TRAVEL DISTANCE COMMON PATH LIMIT DEAD-END CORRIDOR EXIT DISCHARGE EXTERIOR WAYS OF EXIT	EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED) NFPA 101 TABLE 40.2.6 NFPA 101 TABLE 40.2.5 NFPA 101 TABLE 40.2.5 COMPLYING WITH NFPA 101 EXIT PROVISIONS FOR PEOPLE WITH SEVERE	91M 30M 30M	REQUESTIONS REQUE	NS* 91M 30M 30M JIRED ITTED HAN 2 EX	122M 15M 15M	61M 30M 30M	REQUEST TESS TO	NS* 61M 30M 30M JIRED ITTED HAN 2 EX	76M 15M 15M	REQUENTS NOT PERMITTED PROHIBITED PROHIBITED PERMITTED PERMITTED REQUENTS PERMITTED PERMITTED	S** 23M PROHIBITED PROHIBITED JIRED IITTED HAN 2 EXITS
1 2 3 4 5 6	4 SEPARATE EXITS ARRANGEMENT OF EXITS TRAVEL DISTANCE COMMON PATH LIMIT DEAD-END CORRIDOR EXIT DISCHARGE EXTERIOR WAYS OF EXIT ACCESSIBLE MEANS OF EGRESS	EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED) NFPA 101 TABLE 40.2.6 NFPA 101 TABLE 40.2.5 NFPA 101 TABLE 40.2.5 COMPLYING WITH NFPA 101 COMPLYING WITH NFPA 101 EXIT PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT	91M 30M 30M	S** 12M 15M 15M REQU PERM T LESS TI REQU	91M 30M 30M JIRED ITTED HAN 2 EX JIRED JIRED	122M 15M 15M	61M 30M 30M	S** 76M 15M 15M REQU PERM TIESS TI REQU	IRED NS* 61M 30M 30M JIRED ITTED HAN 2 EXIJIRED JIRED	76M 15M 15M	REQUENTS NOT PERMITTED PROHIBITED PROHIBITED REQUENTS NOT LESS TI REQUENTS	S** 23M PROHIBITED PROHIBITED JIRED JIRED HAN 2 EXITS JIRED
1 2 3 4 5 6	4 SEPARATE EXITS ARRANGEMENT OF EXITS TRAVEL DISTANCE COMMON PATH LIMIT DEAD-END CORRIDOR EXIT DISCHARGE EXTERIOR WAYS OF EXIT ACCESSIBLE MEANS OF EGRESS ILLUMINATION OF MEANS OF EGRESS	EQUAL OR MORE THAN 1000 OCCUPANTS (NS*-NOT SPRINKLERED / S**-SPRINKLERED) NFPA 101 TABLE 40.2.6 NFPA 101 TABLE 40.2.5 NFPA 101 TABLE 40.2.5 COMPLYING WITH NFPA 101 COMPLYING WITH NFPA 101 EXIT PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT COMPLYING WITH CHAPTER 7 NFPA 101	91M 30M 30M	REQU S** 12M 15M 15M REQU PERM DT LESS TI REQU REQU	91M 30M 30M JIRED HAN 2 EX JIRED JIRED JIRED JIRED	122M 15M 15M	61M 30M 30M	REQU S** 76M 15M 15M REQU PERM DT LESS TI REQU	IIRED NS* 61M 30M 30M IIRED HAN 2 EXI	76M 15M 15M	REQUENTS NOT PERMITTED PROHIBITED PROHIBITED REQUENTS NOT LESS TI REQUENTS REQUENTS REQUENTS	S** 23M PROHIBITED PROHIBITED JIRED IITTED HAN 2 EXITS JIRED JIRED

REQUIRED

REQUIRED

ANY NUMBER OF STORIES

REQUIRED



ı	APPLICATIONS			INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS						
		CING/MAINTENANCE) / LAU	DS / FOOD PROCESSING PLANTS / GAS PLANTS / JNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED				*		
II	OCCUPANCY CLASSIFICA	TION*			BUII	DING AREA AND H	EIGHT REQUIREM	ENTS		
Α	SPECIAL-PURPOSE INDUS	TIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION							
В	GENERAL INDUSTRIAL O	CCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE	E WITH NFPA 500	CHAPTER 7 TABLE AREA REQU		LOWABLE BUILDING HEIGHT AND		
С	HIGH HAZARD INDUSTRIA	AL OCCUPANCY	-							
D	INDUSTRIAL USE CONSID	ERED AS LOW HAZARDS:		•						
BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY / CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / METAL PRODUCTS (FABRICATION & ASSEMBLY / TELECOMMUNICATION SIGNAL PROCESSING / TELEPHO					CESSING / TELEPHONE EXCHANGES					
	INDUSTRIAL USE OTHER	THAN LOW HAZARDS:								
	AIRCRAFT / APPLIANCES / ATHLETIC EQUIPMENT / AUTOMOBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (ALCOHOLIC) / BICYCLES / BOAT BUILDING / BROOMS & BRUSHES / BUSINESS MACHINES / CAMERAS & PHOTO EQUIPMEN CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / DRY CLEANING & DYEING / ELECTRIC LIGHT PLANTS & POWER HOUSES / ELECTRONICS / ENGINES (INCLUDING REBUILDING FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY / METALS / MILLWORKS (SASH & DOOR) / MOTION PICTURES & TELEVISION FILMING / MOTOR VEHICLES REPAIR GARAG MUSICAL INSTRUMENTS / OPTICAL GOODS / PAPER MILLS OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / PRINTING OR PUBLISHING / RECREATIONAL VEHICLES / REFUSE INCINERATIONS / SHOES / SOAPS & DETERGENTS / TEXTILIS / UPHOLSTERING / WOOD (DISTILLATION) / WOODWORKING (CABINET MAKING)							S / ENGINES (INCLUDING REBUILDING) / G / MOTOR VEHICLES REPAIR GARAGES /		
	FIRE SAFETY	PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPO. LOW HAZARD	SPECIAL-PURPOSE INDUSTRIAL LOW HAZARD ORDINARY		ORDINARY	HIGH HAZARD INDUSTRIAL		
2	REFUGE FLOORS		AT AN INTERVAL OF 20 STORIES		LDINGS EXCEEDING 30 BUILDINGS EXCE STORIES STORIES			BUILDINGS EXCEEDING 30 STORIES		
3	ELEVATORS FOR OC EVACUATION PRIOR TO RECALL OPERATIONS	CCUPANT CONTROLLED O PHASE I EMERGENCY	COMPLYING WITH CHAPTER 7 NFPA 101	PERMI	TTED	PERMITTED		PERMITTED		
٧	INTERIOR FINISH CONTE	NTS AND FURNISHING								
Α	INTERIOR FINISH		COMPLYING WITH CHAPTER 10 OF NFPA 101	REQU	IRED	REQU	IIRED	REQUIRED		
1	INTERIOR WALL & CEILIN	G FINISHES	CLASS A/B/C IN OPERATING AREAS & EXIT ENCLOSURES	REQU	IRED	REQU	IIRED	REQUIRED		
2	INTERIOR FLOOR FINISHE	:S	CLASS II IN EXIT ENCLOSURE & EXIT ACCESS CORRIDORS	REQU	IRED	REQU	IIRED	REQUIRED		
			OTHER AREAS	NOT REC	QUIRED	NOT RE	QUIRED	NOT REQUIRED		
VI	FEATURES OF FIRE PROTI	ECTION (NFPA 5000 TABLES	7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)							
Α	CONSTRUCTION AND CO	MPARTMENTATION	COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000	REQU	IRED	REQU	IIRED	REQUIRED		
			EVTEDIOD DEADING MALLS	HOURLY RATINGS BASED ON		HOURLY RATINGS BASED ON HOURLY RATINGS BA		HOURLY RATINGS BASED ON HOURLY RATINGS BASED ON HOUR		
		TYPE I OR TYPE II	EXTERIOR BEARING WALLS	HOURLY RATIN	IGS BASED ON	HOURLY RATIN	IGS BASED ON	HOURLY RATINGS AS PER HIGH		
1	CONSTRUCTION	TYPE I OR TYPE II TYPE III OR TYPE IV OR TYPE V	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES FLOOR CONSTRUCTION	NFPA 5000 HE	IGHT & AREA	HOURLY RATIN NFPA 5000 HE REQUIRI	IGHT & AREA	HOURLY RATINGS AS PER HIGH HAZARD REQUIRED PROTECTION LEVEL		



APPLICATIONS

EXTERIOR & INTERIOR WALL & PARTITION

FIRE PREVENTION DEPARTMENT GENERAL DIRECTORATE OF CIVIL DEFENCE MINISTRY OF INTERIOR, STATE OF QATAR

BUILDING PLAN - FIRE SAFETY GUIDE

INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS

REQUIRED

	HANGARS (FOR SERVICING/MAINTENANCE) / LA	NDS / FOOD PROCESSING PLANTS / GAS PLANTS / UNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES		I WHICH PROCESSING, ASSEMBLING, DPERATIONS ARE CONDUCTED				
II	OCCUPANCY CLASSIFICATION*		BUILDING AREA AND HEIGHT REQUIREMENTS					
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION						
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1 FOR THE ALLOWABLE BUILDING HEI AREA REQUIREMENTS					
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-	Anta negonitiments					
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:							
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY	/ CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE /	METAL PRODUCTS (FABRICATION & ASS	EMBLY / TELECOMMUNICATION SIGNAL F	PROCESSING / TELEPHONE EXCHANGES			
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:							
	, ,	OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / I TOBACCO / TRAILERS / UPHOLSTERING / WOOD (NET MAKING)				
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD ORDINARY	LOW HAZARD ORDINARY	HIGH HAZARD INDUSTRIAL			
В	COMPARTMENTATION / SUBDIVISION OF BLDG. SPACES	COMPLYING WITH NFPA 101 & NFPA 5000	NO REQUIREMENTS	NO REQUIREMENTS	NO REQUIREMENTS			
1	FIRE BARRIES	COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQUIRED	REQUIRED			
2	SEPARATION FROM OTHER OCCUPANCIES	AS PER NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQUIRED	REQUIRED			
3	SMOKE PARTITIONS	COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQUIRED	REQUIRED			
4	SMOKE BARRIERS	COMPLYING WITH NFPA 101 & NFPA 5000	REQUIRED	REQUIRED	REQUIRED			
С	VERTICAL OPENINGS PROTECTION	PROTECTION COMPLYING WITH NFPA CODES	REQUIRED	REQUIRED	REQUIRED			
1	COMMUNICATING SPACES	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERMITTED	PERMITTED			
2	ATRIUMS	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERMITTED	PERMITTED			
3	CONVENIENCE OPENINGS	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERMITTED	PERMITTED			
4	SHAFTS	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERMITTED	PERMITTED			
5	MEZZANINES	COMPLYING WITH CHAPTER 8 NFPA 101	PERMITTED	PERMITTED	PERMITTED			
6	CONCEALED SPACES & DRAFSTOPS	COMPLYING WITH CHAPTER 8 NFPA 101	REQUIRED	REQUIRED	REQUIRED			
		FIRESTOPPED AT EACH FLOOR LEVEL, TOP STORY						

REQUIRED

CEILING LEVEL & AT THE LEVEL OF SUPPORT FOR

ROOFS

REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

I	APPLICATIONS			INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS					
	HANGARS (FOR SERVICING/MAINTENANCE) / LAU	DRY CLEANING PLANTS / FACTORIES OF ALL KINDS / FOOD PROCESSING PLANTS / GAS PLANTS / HANGARS (FOR SERVICING/MAINTENANCE) / LAUNDRIES/ POWER PLANTS / PUMPING STATIONS / REFINERIES / SAWMILLS / TELEPHONE EXCHANGES			AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED				
П	OCCUPANCY CLASSIFICATION*			BUI	LDING AREA AND F	HEIGHT REQUIREM	ENTS		
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1 FOR THE ALLOWABLE BUILDING HEIGHT AND AREA REQUIREMENTS						
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION							
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-							
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:								
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY /	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / N	METAL PRODUCTS (FA	ABRICATION & ASSEM	IBLY / TELECOMMUN	ICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES		
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:								
	AIRCRAFT / APPLIANCES / ATHLETIC EQUIPMENT / AUTOMOBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (ALCOHOLIC) / BICYCLES / BOAT BUILDING / BROOMS & BRUSHES / BUSINESS MACHINES / CAMERAS & PHOTO EQUIPMENT / CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / DRY CLEANING & DYEING / ELECTRIC LIGHT PLANTS & POWER HOUSES / ELECTRONICS / ENGINES (INCLUDING REBUILDING) / FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY / METALS / MILLWORKS (SASH & DOOR) / MOTION PICTURES & TELEVISION FILMING / MOTOR VEHICLES REPAIR GARAGES / MUSICAL INSTRUMENTS / OPTICAL GOODS / PAPER MILLS OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / PRINTING OR PUBLISHING / RECREATIONAL VEHICLES / REFUSE INCINERATIONS / SHOES / SOAPS & DETERGENTS / TEXTILES / TOBACCO / TRAILERS / UPHOLSTERING / WOOD (DISTILLATION) / WOODWORKING (CABINET MAKING)								
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPO LOW HAZARD	OSE INDUSTRIAL ORDINARY	GENERAL I LOW HAZARD	NDUSTRIAL ORDINARY	HIGH HAZARD INDUSTRIAL		
	UNOCCUPIED ATTIC SPACES	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQU	JIRED	REQUIRED		REQUIRED		
	CONCEALED SPACES (CEILINGS & FLOORS)	DRAFSTOP INTO AREAS NOT EXCEEDING 93M ²	REQU	JIRED	REQU	JIRED	REQUIRED		
	CONCEALED SPACES (FLOORS & ROOFS)	DRAFSTOP INTO AREAS NOT EXCEEDING 280M ²	REQU	JIRED	REQU	JIRED	REQUIRED		
VII	FIRE PROTECTION	NR-NOT REQUIRED / R-REQUIRED							
Α	DETECTION ALARM AND COMMUNICATION SYSTEM	1S							
1	FIRE ALARM SYSTEM	COMPLYING WITH NFPA 72	REQU	JIRED	REQU	JIRED	REQUIRED		
В	EXTINGUISHING REQUIREMENTS								
1	PORTABLE FIRE EXTINGUISHERS	TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQU	JIRED	REQU	JIRED	REQUIRED		
2	FIRE BLANKETS	IN KITCHEN OR PANTRY	REQU	JIRED	REQU	JIRED	REQUIRED		
3	STANDPIPE SYSTEM	COMPLYING WITH NFPA 14	REQU	JIRED	REQU	JIRED	REQUIRED		
4	FIRE HOSE REELS	25MM DIAMETER HOSE	REQU	JIRED	REQU	JIRED	REQUIRED		
		3 OR MORE STOREYS IN HEIGHT	NR	R	NR	R	REQUIRED		
		FIRE AREA EXCEEDING 1115M ²	NR	R	NR	R	REQUIRED		
5	AUTOMATIC SPRINKLER SYSTEM	TOTAL AREA OF ALL FLOORS EXCEEDS 2230M ²	NR R NR R REQUIRED						

REQUIRED

REQUIRED

REQUIRED

REQUIRED

WOODWORKING OPERATIONS EXCEEDING 232M²

POWER GENERATION BUILDING

REQUIRED

REQUIRED



1	APPLICATIONS		INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS				
	HANGARS (FOR SERVICING/MAINTENANCE) / LA	IDS / FOOD PROCESSING PLANTS / GAS PLANTS / UNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED				
Ш	OCCUPANCY CLASSIFICATION*		BU	ILDING AREA AND HEIGHT REQUIREM	ENTS		
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION					
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 500	LOWABLE BUILDING HEIGHT AND			
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-					
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:						
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY ,	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / N	METAL PRODUCTS (FABRICATION & ASSE	MBLY / TELECOMMUNICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES		
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:						
	CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE	IOBILES & OTHER MOTOR VEHICLES / BAKERIES / BEVERAGES (A CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / I PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY , OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / P TOBACCO / TRAILERS / UPHOLSTERING / WOOD (I	DRY CLEANING & DYEING / ELECTRIC LIGH / METALS / MILLWORKS (SASH & DOOR) / RINTING OR PUBLISHING / RECREATIONA	T PLANTS & POWER HOUSES / ELECTRONIC MOTION PICTURES & TELEVISION FILMING L VEHICLES / REFUSE INCINERATIONS / SHO	S / ENGINES (INCLUDING REBUILDING) / G / MOTOR VEHICLES REPAIR GARAGES /		
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	SPECIAL-PURPOSE INDUSTRIAL LOW HAZARD ORDINARY	GENERAL INDUSTRIAL LOW HAZARD ORDINARY	HIGH HAZARD INDUSTRIAL		
6	OTHER EXTINGUISHING SYSTEM	COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS	IN LIEU OF AN AUTOMATIC SUPPRESSION SYSTEM	IN LIEU OF AN AUTOMATIC SUPPRESSION SYSTEM	IN LIEU OF AN AUTOMATIC SUPPRESSION SYSTEM		
VIII	BUILDING SERVICES PROTECTION						
Α	BUILDING UTILITIES	COMPLYING WITH CHAPTER 9 NFPA 101					
1	GAS EQUIPMENT & RELATED PIPING	PROTECTION AS PER NFPA 54 & NFPA 58	REQUIRED	REQUIRED	REQUIRED		
2	ELECTRICAL SYSTEMS/ ELECTRICAL EQUIPMENT ROOMS	ASS or 2-HRS ENCLOSURE	REQUIRED	REQUIRED	REQUIRED		
		ATTACHED TO OCCUPIED BUILDINGS	3-HRS FRR* or ASS	3-HRS FRR* or ASS	3-HRS FRR* or ASS		
	SUBSTATIONS & SWITCHGEARS	STANDALONE: TRANSFORMER VAULT PROTECTION	3-HRS FRR* or 1-HR FRR* with ASS	3-HRS FRR* or 1-HR FRR* with ASS	3-HRS FRR* or 1-HR FRR* with ASS		
3	COMMERCIAL COOKING EQUIPMENT	COMPLYING WITH NFPA 96	REQUIRED	REQUIRED	REQUIRED		
	KITCHEN/PANTRY ENCLOSURE		NOT REQUIRED	NOT REQUIRED	NOT REQUIRED		
4	ELEVATORS, ESCALATORS & CONVEYORS	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQUIRED	REQUIRED		
	FIRE FIGHTERS' EMERGENCY OPERATION	COMPLYING WITH ASME A17.1/CSA B44	REQUIRED	REQUIRED	REQUIRED		
В	RUBBISH CHUTE, INCENERATORS & LAUNDRY CHUTES	COMPLYING WITH NFPA 82	REQUIRED	REQUIRED	REQUIRED		



FIRE WATER TANKS

FIRE PREVENTION DEPARTMENT GENERAL DIRECTORATE OF CIVIL DEFENCE MINISTRY OF INTERIOR, STATE OF QATAR

BUILDING PLAN - FIRE SAFETY GUIDE

ı	APPLICATIONS			INDUSTRI	AL OCCUPANCIES - FACTORY AND WORKSHOPS			
	HANGARS (FOR SERVICING/MAINTENANCE) / LAI	DS / FOOD PROCESSING PLANTS / GAS PLANTS / JNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED					
Ш	OCCUPANCY CLASSIFICATION*			BUI	LDING AREA AND H	IEIGHT REQUIREM	ENTS	
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION						
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1 FOR THE ALLOWABLE BUILDING HEIGHT AREA REQUIREMENTS					
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-						
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:							
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY /	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / I	METAL PRODUCTS (FA	ABRICATION & ASSEM	IBLY / TELECOMMUNI	ICATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES	
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:							
	CANVAS OR SIMILAR FABRIC / CARPETS & RUGS (INCLUDES CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / DRY CLEANING & DYEING / ELECTRIC LIGHT PLANTS & POWER HOUSES / ELECTRONICS / ENGINES (INCLUDING REBUILDING) FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY / METALS / MILLWORKS (SASH & DOOR) / MOTION PICTURES & TELEVISION FILMING / MOTOR VEHICLES REPAIR GARAGES MUSICAL INSTRUMENTS / OPTICAL GOODS / PAPER MILLS OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / PRINTING OR PUBLISHING / RECREATIONAL VEHICLES / REFUSE INCINERATIONS / SHOES / SOAPS & DETERGENTS / TEXTILES TOBACCO / TRAILERS / UPHOLSTERING / WOOD (DISTILLATION) / WOODWORKING (CABINET MAKING) SPECIAL-PURPOSE INDUSTRIAL GENERAL INDUSTRIAL							
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD			ORDINARY	HIGH HAZARD INDUSTRIAL	
	ENCLOSURES	≤3 STOREYS/≥3 STOREYS	1-HR FRR*/2-HRS FRR* 1-HR FRR*/2-HRS FRR*		1-HR FRR*/2-HRS FRR*			
	OPENING PROTECTIVE (FIRE DOORS/WINDOWS)	≤3 STOREYS / ≥3 STOREYS	1-HR FPR**/	1.5-HR FPR**	1-HR FPR**/	1.5-HR FPR**	1-HR FPR**/1.5-HR FPR**	
С	EMERGENCY POWER SUPPLY SYSTEM	COMPLYING WITH NFPA 110	NOT REQUIRED	REQUIRED	NOT REQUIRED	REQUIRED	REQUIRED	
1	GENERATORS	ENCLOSURE	1-HOUR FRR*	1-HOUR FRR*	1-HOUR FRR*	1-HOUR FRR*	1-HOUR FRR*	
D	FIRE PUMP ROOM	COMPLYING WITH NFPA 20	REQU	JIRED	REQL	JIRED	REQUIRED	
	PUMP ROOM ENCLOSURES	MORE THAN 15.3 M FROM ANY BUILDING	1-HR	FRR*	1-HR	FRR*	1-HR FRR*	
	POWER ROOM ENCEOSORES	WITHIN 15.3M OR ATTACHED TO BUILDINGS	2-HRS	S FRR*	2-HRS	FRR*	2-HRS FRR*	
	DIRECT SAFE ACCESS	EXTERNAL ACCESS WITHIN THE LEVEL OF DISCHARGE	REQU	JIRED	REQU	JIRED	REQUIRED	
	DIRECT ON L MOLESS	WITHIN 3M FROM ANY EXIT THAT COMPLIES WITH DIRECT DISCHARGE REQUIREMENTS	PERM	IITTED	PERMITTED		PERMITTED	
	ACCESS COMPONENT (UNDERGOUND LOCATION)	STANDARD STAIR (OF ANY NON-COMBUSTIBLE MATERIAL)	REQU	JIRED	REQU	JIRED	REQUIRED	

NOT PERMITTED

REQUIRED

NOT PERMITTED

REQUIRED

CAT STEEL LADDER

COMPLYING WITH NFPA 22

NOT PERMITTED

REQUIRED



ı	APPLICATIONS	INDUSTRIAL OCCUPANCIES - FACTORY AND WORKSHOPS					
	HANGARS (FOR SERVICING/MAINTENANCE) / LA	IDS / FOOD PROCESSING PLANTS / GAS PLANTS / UNDRIES/ POWER PLANTS / PUMPING STATIONS / / TELEPHONE EXCHANGES	AN OCCUPANCY IN WHICH PRODUCTS ARE MANUFACTURED OR IN WHICH PROCESSING, ASSEMBLING, MIXING, PACKAGING, FINISHING, DECORATING, OR REPAIR OPERATIONS ARE CONDUCTED				
II	OCCUPANCY CLASSIFICATION*			BUI	LDING AREA AND H	EIGHT REQUIREM	ENTS
Α	SPECIAL-PURPOSE INDUSTIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION					
В	GENERAL INDUSTRIAL OCCUPANCY	LOW AND ORDINARY HAZARD CLASSIFICATION	IN ACCORDANCE WITH NFPA 5000 CHAPTER 7 TABLE 7.4.1 FOR THE ALLOWABLE BUILDING HEIGHT ANI AREA REQUIREMENTS				
С	HIGH HAZARD INDUSTRIAL OCCUPANCY	-					
D	INDUSTRIAL USE CONSIDERED AS LOW HAZARDS:						
	BEVERAGES (NON ALCOHOLIC) / BRICKS & MASONRY ,	CERAMIC / FOUNDRIES / GLASS PRODUCTS / GYPSUM / ICE / N	METAL PRODUCTS (FA	ABRICATION & ASSEM	BLY / TELECOMMUNI	CATION SIGNAL PRO	CESSING / TELEPHONE EXCHANGES
	INDUSTRIAL USE OTHER THAN LOW HAZARDS:						
	FOOD PROCESSING / FURNITURE / HEMP PRODUCTS / JUTE	CLEANING) / CLOTHING / CONSTRUCTION / DISINFECTANTS / E PRODUCTS / LAUNDRIES / LEATHER PRODUCTS / MACHINERY , OR PRODUCTS / PHOTOGRAPHIC FILM / PLASTIC PRODUCTS / P TOBACCO / TRAILERS / UPHOLSTERING / WOOD (E	METALS / MILLWOR RINTING OR PUBLISH	KS (SASH & DOOR) / ING / RECREATIONA DWORKING (CABINE	MOTION PICTURES & T L VEHICLES / REFUSE IN	TELEVISION FILMING NCINERATIONS / SHO	G / MOTOR VEHICLES REPAIR GARAGES /
	FIRE SAFETY PROVISIONS	MINIMUM REQUIREMENTS	LOW HAZARD	ORDINARY	LOW HAZARD	ORDINARY	HIGH HAZARD INDUSTRIAL
	MATERIALS	NON-COMBUSTIBLE MATERIAL	REQU	JIRED	REQU	IRED	REQUIRED
	WATENALS	GRP TANKS (WITHIN 1-HR FIRE RATED ENCLOSURE)	PERM	IITTED	PERMITTED		PERMITTED
	DESIGN/COMPARTMENTATION	TWO (2) COMPARTMENTS	REQU	JIRED	REQU	IRED	REQUIRED
F	SMOKE CONTROL / EMERGENCY VENTILATION	COMPLYING WITH NFPA 92 NFPA 204	REQU	JIRED	REQU	IRED	REQUIRED
	VENTILATION / SMOKE CONTROL SYSTEM BY ANY	FIRE AREA EXCEEDING 1115M ²	NOT REQUIRED	REQUIRED	NOT REQUIRED	REQUIRED	REQUIRED
	OF THE FOLLOWING: 1.1 NATURAL VENTILATION;	TOTAL AREA OF ALL FLOORS EXCEEDS 2230M ²	NOT REQUIRED	REQUIRED	NOT REQUIRED	REQUIRED	REQUIRED
1	1.2 MECHANICAL VENTILATION & SMOKE	WOODWORKING OPERATIONS EXCEEDING 232M ²	REQU	JIRED	REQU	IRED	REQUIRED
1	CONTROL SYSTEM AND/OR	POWER GENERATION BUILDING	REQU	JIRED	REQU	IRED	REQUIRED
	POSITIVE VENTILATION	STOKETS (LEVELS) INCLODING THE BASEIVIENTS		REQUIRED		IRED	REQUIRED
	(PRESSURIZATION) SYSTEM	AND/OR WHEN SMOKE STOP &/OR FIRE FIGHTING LOBBIES ARE REQUIRED	REQU	REQUIRED REQUIRED		REQUIRED	
G	AIR-CONDITIONING & VENTILATION SYSTEM	COMPLYING WITH NFPA 90A & NFPA 90B	REQU	JIRED	REQUIRED		REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

Note:

*This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from General Directorate of Civil Defence (GDCD) adopted National Fire Protection Association (NFPA) Codes & Standards.

For further guidance, the user is referred to the NFPA Codes and Standards and the General Fire Safety Requirements - Guidelines Annexes.

**Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

FPR-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

*NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



BUILDING PLAN - FIRE SAFETY GUIDE

BUILDING REHABILITATION - CHANGE OF USE OR CHANGE OF OCCUPANCY

I	APPLICATIONS				NGE OF USE OR OC DAY CARE, SCHOO		RESIDENTIAL DWELLINGS OR VILLAS		
II	OCCUPANCY CLASSIFICA	ATION **		BUILDING HEIGHT REQUIR	EMENTS	NUMBER OF OC	CCUPANTS OR AREA REQUIREMENTS		
A	VILLAS TO PRESCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO PRE-SCHOOL (PART DAY-CARE, NURSERY OR KINDERGARTEN) DAY-CARE OR EDUCATIONAL OCCUPANCY			GROUND LEVEL (G) 0-5 Years Old MAXIMUM 5			0 PRESCHOOL COMPLYING WITH IDENT TO STAFF RATIO		
В	VILLAS TO SCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL - EDUCATIONAL OCCUPANCY			MAYIMIIM 1 ELOOP LEVEL (G+1) = 9 Voors Old 9.			OCCUPANTS PER FLOOR LEVEL OR CLASSROOMS PER FLOOR LEVEL		
С	VILLAS TO OFFICES	RESIDENTIAL DWELLING	S OR VILLAS CHANGE TO OFFICES - BUSINESS	MAXIMUM 2 FLOOR LEVE	LS (G+2)	MAXIMUM 3	MAXIMUM 30 OCCUPANTS PER FLOOR LEVEL		
	FIRE SAFETY	PROVISIONS	MINIMUM REQUIREMENTS	VILLAS TO PRE-SCHOOL	VILLAS TO	PRIMARY	VILLAS TO OFFICES		
III	BUILDING AND SITE ACC	ESS FOR FIRE FIGHTING & R	ESCUE						
Α	SITE ACCESS/ACCESS ROA	AD	4.0M MIN. CLEAR WIDTH AND 4.5M MIN. CLEAR HEIGHT	REQUIRED	REQUIRED		REQUIRED		
В	FIRE ENGINE HARDSTAN	DING	HABITABLE HEIGHT EXCEEDS 10M	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED		
С	FIRE COMMAND CENTER	1	COMPLYING WITH ALL FCC REQUIREMENTS	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED		
D	FIRE LIFT		COMPLYING WITH ALL FIRE LIFT REQUIREMENTS	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
IV	MEANS OF EGRESS								
Α	MEANS OF EGRESS GENE	RAL REQUIREMENTS							
1	GUARDS		PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL	REQUIRED	REQU	IIRED	REQUIRED		
2	IMPEDIMENT TO EGRESS RELIABILITY	& MEANS OF EGRESS	CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTION OR IMPEDIMENTS	REQUIRED	REQU	JIRED	REQUIRED		
3	FURNISHING AND DECOR	RATION	FURNITURES OR MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PER	RMITTED	NOT PERMITTED		
	ART WORK & TEACHING MATERIALS		COVERAGE NOT TO EXCEED 20% OF THE WALL AREA	REQUIRED	REQU	JIRED	NOT APPLICABLE		
В	MEANS OF EGRESS COMPONENTS								
1	FIRE DOORS	_	FPR* FIRE PROTECTION RATING	1-HR FPR*	1-HR	FPR*	1-HR FPR*		
	SIDE-HINGE OR PIVOTED-SWINGING TYPE		ANY DOOR ASSEMBLY IN A MEANS OF EGRESS	REQUIRED	REQU	IIRED	REQUIRED		
			MINIMUM DOOR LEAF WIDTH	810MM	MM 810MM		810MM		



ı	APPLICATIONS					NGE OF USE OR OC		ESIDENTIAL DWELLINGS OR VILLAS
Ш	OCCUPANCY CLASSIFICA	TION **			BUILDING HEIGHT REQUIR	EMENTS	NUMBER OF OCC	CUPANTS OR AREA REQUIREMENTS
А	VILLAS TO PRESCHOOL		OR VILLAS CHANGE TO F KINDERGARTEN) DAY-CA	,	GROUND LEVEL (G) 0-5 Ye	ars Old		PRESCHOOL COMPLYING WITH DENT TO STAFF RATIO
В	VILLAS TO SCHOOL	RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL - E OCCUPANCY			MANUALIM 1 FLOOD LEVEL (C.11) O Voors Old 9			OCCUPANTS PER FLOOR LEVEL OR CLASSROOMS PER FLOOR LEVEL
С	VILLAS TO OFFICES	RESIDENTIAL DWELLING	S OR VILLAS CHANGE T	O OFFICES - BUSINESS	MAXIMUM 2 FLOOR LEVE	LS (G+2)	MAXIMUM 30	O OCCUPANTS PER FLOOR LEVEL
	FIRE SAFETY	' PROVISIONS	MINIMUM RE	QUIREMENTS	VILLAS TO PRE-SCHOOL	VILLAS TO	PRIMARY	VILLAS TO OFFICES
	SELF-CLOSING DEVICES		IN ALL DOORS REQUIRED CLOSED	TO BE NORMALLY KEPT	REQUIRED	REQU	JIRED	REQUIRED
2	STAIRS		COMPLYING WITH CHAPT	ER 7 NFPA 101				
	STANDARD STAIRS		FEWER THAN 50 PERSON (CLEAR WIDTH)		NOT APPLICABLE	915	ММ	915MM
	STANDARD STAIRS		MORE THAN 50 PERSON (CLEAR WIDTH)		NOT APPLICABLE	1120MM		1120MM
	GUARDS AND HANDRAIL	S	COMPLYING WITH CHAPTER 7 NFPA 101		REQUIRED	REQUIRED		REQUIRED
	STAIRWAY IDENTIFICATION MARKINGS	ON & EXIT STAIR PATH	ALL STAIR COMPONENTS		NOT APPLICABLE	REQUIRED		REQUIRED
3	STAIR ENCLOSURES		ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT		NOT APPLICABLE	NOT REQUIRED		NOT REQUIRED
4	FIRE FIGHTING LOBBY		COMPLYING WITH ALL FF	LOBBY REQUIREMENTS	NOT APPLICABLE	NOT REQUIRED		NOT REQUIRED
5	SMOKE-STOP LOBBY (VE	STIBULE)	COMPLYING WITH ALL SS	LOBBY REQUIREMENTS	NOT APPLICABLE	NOT RE	QUIRED	NOT REQUIRED
6	FIRE ESCAPE STAIRS (EXT	ERNAL EXIT STAIR)	AS SECONDARY MEANS C	OF EXIT	NOT APPLICABLE	REQUIRED ON A LEV	LL UPPER FLOOR ELS	REQUIRED ON ALL UPPER FLOOR LEVELS
С	CAPACITY OF MEANS OF	EGRESS						
			NFPA 101 TABLE 7.3.1.2 (FACTORS	OCCUPANT LOAD	3.3 NET M ² /PERSON	NOT APF	PLICABLE	9.3 M²/PERSON
1	OCCUPANT LOAD			AGES 0-24 MONTHS OLD	1:3 STAFF-TO-CHILD RATIO	NOT APPLICABLE		NOT APPLICABLE
	OCCUPANT LUAD	OCCUPANT LOAD		AGES 25-36 MONTHS OLD	1:4 STAFF-TO-CHILD RATIO	NOT APF	PLICABLE	NOT APPLICABLE
				AGES 37-60 MONTHS OLD	1:7 STAFF-TO-CHILD RATIO	NOT APF	PLICABLE	NOT APPLICABLE



ı	APPLICATIONS				BUILDING REHA		NGE OF USE OR OC			LINGS OR VILLAS	
II	OCCUPANCY CLASSIFICA	ATION **			BUILDIN	IG HEIGHT REQUIR	EMENTS	NUMBER OF OC	CUPANTS OR AREA	A REQUIREMENTS	
А	VILLAS TO PRESCHOOL		OR VILLAS CHANGE TO P KINDERGARTEN) DAY-CA		GROUN	ID LEVEL (G) 0-5 Ye	I (G) 0-5 Vears Old			0 PRESCHOOL COMPLYING WITH JDENT TO STAFF RATIO	
В	VILLAS TO SCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL - EDUCATIONAL OCCUPANCY					D LEVEL (G) – 6-8 Y LOOR LEVEL (G+1) OLDER				OCCUPANTS PER FLOOR LEVEL OR CLASSROOMS PER FLOOR LEVEL	
С	VILLAS TO OFFICES	RESIDENTIAL DWELLING OCCUPANCY	S OR VILLAS CHANGE TO	O OFFICES - BUSINESS	MAXIM	UM 2 FLOOR LEVE	LS (G+2)	MAXIMUM 3	0 OCCUPANTS PE	R FLOOR LEVEL	
	FIRE SAFETY	PROVISIONS	MINIMUM RE	QUIREMENTS	VILLAS TO P	RE-SCHOOL	VILLAS TO	PRIMARY	VILLAS T	O OFFICES	
			NFPA 101 TABLE 7.3.1.2	CLASSROOMS	CHILD TO STAFF	RATIO APPLIES	1.9 NET M	²/PERSON	NOT APPLICABLE		
	OCCUPANT LOAD		OCCUPANT LOAD FACTORS	SHOPS & LABORATORIES	CHILD TO STAFF RATIO APPLIES 4.		4.6 NET M	4.6 NET M ² /PERSON		NOT APPLICABLE	
D	NUMBER OF EXITS										
1	SINGLE EXIT				NOT PER	RMITTED	NOT PER	RMITTED	NOT PE	RMITTED	
2	NOT LESS THAN 2 SEPAR	ATE EVITS	PROVIDED ON EVERY STO	RY	REQUIRED RE		REQU	IIDED	PEO	UIRED	
	NOT LESS THAN 2 SEPAN	ATE EXITS	ACCESSIBLE FROM EVERY	PART OF EVERY STORY	ni qomiz						
E	ARRANGEMENT OF EXIT	S	(NS*-NOT SPRINKLERED /	S**-SPRINKLERED)						1	
			,		NS*	S**	NS*	S**	NS*	S**	
			NFPA 101 TABLE A.7.6		30M	NA	30M	NA	61M	NA	
			BETWEEN ANY ROOM DO ACCESS AND AS AN EXIT	OR INTENDED AS EXIT	30M	NA	NA	NA	NA	NA	
1	TRAVEL DISTANCE		BETWEEN ANY POINT IN A	A ROOM TO AN EXIT	46M	NA	NA	NA	NA	NA	
			BETWEEN ANY POINT IN C ROOM AND AN EXIT ACCE ROOM		15M	NA	NA	NA	NA	NA	
2	COMMON PATH LIMIT		NFPA 101 TABLE A.7.6		23M	NA	23M	NA	23M	NA	
3	DEAD-END CORRIDOR		NFPA 101 TABLE A.7.6		6.1M	NA	6.1M	NA	6.1M	NA	
	DOOM OD 52 - 525 - 1	MAODE THAN COLO? OF	MINIMUM TWO (2) ACCE	SS DOORS							
4	ROOM OR SPACES WITH WITH AN OCCUPANT LO		REQUIRED DOORS ACCES	S TO SEPARATE EXITS	REOL	IIRED	REOL	IIRED	7	CCUPANT LOAD IS	
7	PERSONS	55	DOORS OPEN INTO THE D	IRECTION OF EXIT	REQUIRED		REQUIRED		MORE THAN 50 PERSONS		



ı	APPLICATIONS						ESIDENTIAL DWELLINGS OR VILLAS	
11	OCCUPANCY CLASSIFICA	ATION **		BUILDING HEIGHT REQUIRI	DAY CARE, SCHOO		ES CUPANTS OR AREA REQUIREMENTS	
A	VILLAS TO PRESCHOOL	RESIDENTIAL DWELLING	OR VILLAS CHANGE TO PRE-SCHOOL (PART DAY- KINDERGARTEN) DAY-CARE OR EDUCATIONAL	GROUND LEVEL (G) 0-5 Ye		MAXIMUM 50 PRESCHOOL COMPLYING WITH STUDENT TO STAFF RATIO		
В	VILLAS TO SCHOOL	RESIDENTIAL DWELLING OCCUPANCY	OR VILLAS CHANGE TO SCHOOL - EDUCATIONAL	GROUND LEVEL (G) – 6-8 Y MAXIMUM 1 FLOOR LEVEL (G+1) OLDER		MAXIMUM 100 OCCUPANTS PER FLOOR LEVEL OR MAXIMUM 4 CLASSROOMS PER FLOOR LEVEL		
С	VILLAS TO OFFICES	RESIDENTIAL DWELLING	S OR VILLAS CHANGE TO OFFICES - BUSINESS	MAXIMUM 2 FLOOR LEVE	LS (G+2)	MAXIMUM 3	0 OCCUPANTS PER FLOOR LEVEL	
	FIRE SAFETY	PROVISIONS	MINIMUM REQUIREMENTS	VILLAS TO PRE-SCHOOL	VILLAS TO	PRIMARY	VILLAS TO OFFICES	
5	EVERY ROOM NORMALL OCCUPANCY	Y SUBJECT TO STUDENT	EXIT ACCESS DOORS LEADS DIRECTLY TO AN EXIT ACCESS CORRIDOR OR EXIT	REQUIRED	REQUIRED		NOT APPLICABLE	
6	DOORS SWINGING INTO EXIT ACCESS CORRIDOR		ARRANGED TO PREVENT INTERFERENCE WITH CORRIDOR TRAVEL	REQUIRED	REQUIRED		REQUIRED	
7	AISLES		MINIMUM AISLE WIDTH	760MM	760MM		NOT APPLICABLE	
8	SPACES (AISLE) BETWEEN SEATS	N PARALLEL ROWS OF	MINIMUM WIDTH 760MM	NOT REQUIRED IF THE NUMBER OF SEATS THAT INTERVENES BETWEEN ANY SEAT AND AN AISLE DOES NOT EXCEED SIX (6)	NOT REQUIRED IF THE NUMBER OF SEATS THAT INTERVENES BETWEEN ANY SEAT AND AN AISLE DOES NOT EXCEED SIX (6)		NOT APPLICABLE	
9	EXIT DISCHARGE (DIRECT EXTERNAL)	T TO BUILDING	COMPLYING WITH NFPA 101	REQUIRED	REQU	IRED	REQUIRED	
10	ACCESSIBLE MEANS OF E	GRESS	EXIT PROVISIONS FOR PEOPLE WITH SEVERE MOBILITY IMPAIRMENT (NOT LESS THAN 2 EXITS REQUIRED)	2 EXIT REQUIRED	2 EXIT RE	QUIRED	2 EXIT REQUIRED	
11	ILLUMINATION OF EXITS	/ EMERGENCY LIGHTING	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IRED	REQUIRED	
12	MARKINGS OF MEANS O	F EGRESS	COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQU	IRED	REQUIRED	
F	SPECIAL MEANS OF EGRESS PROVISIONS							
1	FIREMEN ACCESS PANEL	S	HABITABLE HEIGHT EXCEEDING 10M	NOT REQUIRED	NOT REC	QUIRED	REQUIRED	
2	2 WINDOWS FOR RESCUE		ROOMS OR SPACE GREATER THAN 23.2M ² AND NORMALLY SUBJECT TO STUDENT OCCUPANCY	REQUIRED	REQU	IRED	NOT APPLICABLE	
4	LOCKUPS		DOORS AND PHYSICAL RESTRAINTS TO FREE EGRESS CAN BE READILY RELEASED BY STAFF WITHIN 2 MINUTES OF ONSET OF FIRE OR SIMILAR EMERGENCY	REQUIRED ON DOORS PROVIDED WITH LOCKUPS	REQUIRED (PROVIDED W		REQUIRED ON DOORS PROVIDED WITH LOCKUPS	



ı	APPLICATIONS					NGE OF USE OR OC		ESIDENTIAL DWELLINGS OR VILLAS
II	OCCUPANCY CLASSIFICA	ATION **			BUILDING HEIGHT REQUIR	EMENTS	NUMBER OF OC	CUPANTS OR AREA REQUIREMENTS
A	VILLAS TO PRESCHOOL		RSERY OR	OR VILLAS CHANGE TO PRE-SCHOOL (PART DAY- KINDERGARTEN) DAY-CARE OR EDUCATIONAL	GROUND LEVEL (G) 0-5 Ye	GROUND LEVEL (G) 0-5 Years Old		0 PRESCHOOL COMPLYING WITH IDENT TO STAFF RATIO
В	VILLAS TO SCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL - EDUCATIONAL OCCUPANCY			GROUND LEVEL (G) – 6-8 Y MAXIMUM 1 FLOOR LEVEL (G+1) OLDER			OCCUPANTS PER FLOOR LEVEL OR CLASSROOMS PER FLOOR LEVEL	
С	VILLAS TO OFFICES	RESIDENTIA OCCUPANCY		S OR VILLAS CHANGE TO OFFICES - BUSINESS	MAXIMUM 2 FLOOR LEVE	LS (G+2)	MAXIMUM 3	0 OCCUPANTS PER FLOOR LEVEL
	FIRE SAFETY	PROVISIONS		MINIMUM REQUIREMENTS	VILLAS TO PRE-SCHOOL	VILLAS TO	PRIMARY	VILLAS TO OFFICES
٧	FEATURES OF FIRE PROT	ECTION (NFPA	5000 TABLES	7.2.1.1, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)				
Α	CONSTRUCTION			COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000				
	CONSTRUCTION			EXTERIOR BEARING WALLS	1-HR FRR*-FIRE RESISTANCE	1-HR FRR*-FIR	RE RESISTANCE	1-HR FRR*-FIRE RESISTANCE
1	(NON-COMBUSTIBLE OR	LIMITED	TYPE I OR TYPE II	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	RATING OF ALL BUILDING	RATING OF ALL BUILDING		RATING OF ALL BUILDING
	COMBUSTIBLE MATERIAL	LS)	1117 - 11	FLOOR CONSTRUCTION	ELEMENTS	ELEN	IENTS	ELEMENTS
В	COMPARTMENTATION / BUILDING SPACES	SUBDIVISION	OF	COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED
1	SEPARATION FROM OTH	ER OCCUPANO	CIES	COMPLYING WITH NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED	REQU	JIRED	REQUIRED
VI	FIRE PROTECTION							
Α	DETECTION ALARM AND SYSTEMS	COMMUNICA	ATION					
1	FIRE ALARM SYSTEM			AUTOMATIC AND MANUAL SYSTEM	REQUIRED	REQU	JIRED	REQUIRED
В	EXTINGUISHING REQUIR	EMENTS		COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS				
1	1 PORTABLE FIRE EXTINGUISHERS			TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED THROUGHOUT	REQUIRED T	HROUGHOUT	REQUIRED THROUGHOUT
2	FIRE BLANKETS			IN KITCHEN OR PANTRY	REQUIRED	REQU	JIRED	REQUIRED
3	STANDPIPE SYSTEM	· · · · · · · · · · · · · · · · · · ·	·		NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED
4	FIRE HOSE REELS			25MM DIAMETER HOSE	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED
5	AUTOMATIC SPRINKLER	SYSTEM		THROUGHOUT PROTECTION	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED



ı	APPLICATIONS					NGE OF USE OR OC		RESIDENTIAL DWELLINGS OR VILLAS	
П	OCCUPANCY CLASSIFICAT	TION **			BUILDING HEIGHT REQUIRI	EMENTS	NUMBER OF OC	CCUPANTS OR AREA REQUIREMENTS	
A	VILLAS TO PRESCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO PRE-SCHOOL (PART DAY-CARE, NURSERY OR KINDERGARTEN) DAY-CARE OR EDUCATIONAL OCCUPANCY				GROUND LEVEL (G) 0-5 Years Old			0 PRESCHOOL COMPLYING WITH IDENT TO STAFF RATIO	
В	VILLAS TO SCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL - EDUCATIONAL OCCUPANCY			GROUND LEVEL (G) – 6-8 Y MAXIMUM 1 FLOOR LEVEL (G+1) OLDER			OCCUPANTS PER FLOOR LEVEL OR CLASSROOMS PER FLOOR LEVEL		
С	VILLAS TO OFFICES	RESIDENTIAL OCCUPANCY	DWELLINGS	G OR VILLAS CHANGE TO OFFICES - BUSINESS	MAXIMUM 2 FLOOR LEVE	.S (G+2)	MAXIMUM 3	0 OCCUPANTS PER FLOOR LEVEL	
	FIRE SAFETY	PROVISIONS		MINIMUM REQUIREMENTS	VILLAS TO PRE-SCHOOL	VILLAS TO	PRIMARY	VILLAS TO OFFICES	
VII	BUILDING SERVICES PROT	TECTION (ASS*	AUTOMATIC	SUPPRESSION SYSTEM)					
Α	BUILDING UTILITIES			COMPLYING WITH CHAPTER 9 NFPA 101					
1	ELECTRICAL SYSTEMS			COMPLYING WITH NFPA 70	REQUIRED	REQUIRED		REQUIRED	
1	COOKING EQUIPMENT			EQUIPMENT USED ONLY FOR FOOD WARMING	PERMITTED	PERMITTED		PERMITTED	
В	EMERGENCY POWER SUP SYSTEM/GENERATORS	PLY		COMPLYING WITH NFPA 110	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED	
С	SMOKE CONTROL / EMER	GENCY VENTIL	ATION	COMPLYING WITH NFPA 92 & NFPA 204	NOT REQUIRED	NOT REQUIRED		NOT REQUIRED	
D	AIR-CONDITIONING & VEI	NTILATION SYS	STEM	COMPLYING WITH NFPA 90A & NFPA 90B	REQUIRED	REQU	JIRED	REQUIRED	
VIII	OPERATING FEATURES								
Α	EMERGENCY PLAN								
			1	PROCEDURES FOR REPORTING OF EMERGENCY					
1	EMERGENCY PLAN REQUI	REMENTS	2	OCCUPANT AND STAFF RESPONSE TO EMERGENCY	REQUIRED	REQU	JIRED	REQUIRED	
			3	EVACUATION PROCEDURES APPROPRIATE TO THE OCCUPANCY, EMERGENCIES AND HAZARD					
			4	APPROPRIATENESS OF THE USE OF ELEVATORS					
			5	DESIGN & CONDUCT OF FIRE DRILLS					
1	EMERGENCY PLAN REQUIREMENTS (CONTINUED)	REMENTS	6	TYPE & COVERAGE OF BUILDING FIRE PROTECTION SYSTEM	REQUIRED	REQUIRED		REQUIRED	
	,		7	OTHER ITEMS THAT ARE NECESSARY IN AN EMERHGENCY PLANS AS MAY BE REQUIRED BY QCD					



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ı	APPLICATIONS					NGE OF USE OR OC DAY CARE, SCHOO		RESIDENTIAL DWELLINGS OR VILLAS CES	
II	OCCUPANCY CLASSIFICA	ATION **			BUILDING HEIGHT REQUIRE	EMENTS	NUMBER OF OC	CCUPANTS OR AREA REQUIREMENTS	
A	VILLAS TO PRESCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO PRE-SCHOOL (PART DAY-CARE, NURSERY OR KINDERGARTEN) DAY-CARE OR EDUCATIONAL OCCUPANCY			I MAXIN			MUM 50 PRESCHOOL COMPLYING WITH STUDENT TO STAFF RATIO		
В	VILLAS TO SCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL - EDUCATIONAL OCCUPANCY			* *	MAXIMUM 1 FLOOR LEVEL (G+1) – 9 Years Old & MAXIMUM 4 (OCCUPANTS PER FLOOR LEVEL OR CLASSROOMS PER FLOOR LEVEL		
С	VILLAS TO OFFICES	RESIDENTIAL DWELLING OCCUPANCY	S OR VILLAS CHA	NGE TO OFFICES - BUSINESS	MAXIMUM 2 FLOOR LEVE	LS (G+2)	MAXIMUM 3	30 OCCUPANTS PER FLOOR LEVEL	
	FIRE SAFETY	' PROVISIONS	MININ	NUM REQUIREMENTS	VILLAS TO PRE-SCHOOL	VILLAS TO	PRIMARY	VILLAS TO OFFICES	
В	EMERGENCY EXIT DRILLS	1							
1	EMERGENCY EGRESS AN	D RELOCATION DRILLS							
			NOT LESS THAN 1	PER MONTH	REQUIRED	REQU	JIRED	REQUIRED	
	DRILL FREQUENCY	IN SUMMER SEASON OR OTHER SEVERE WEATHER CONDITIONS							
	DRILL PREQUENCY		CONDITION	NOT LESS THAN 4 DRILLS CONDUCTED BEFORE THE DRILLS ARE DEFERRED	PERMITTED TO BE DEFERRED	PERMITTED TO BE DEFERRED		PERMITTED TO BE DEFERRED	
2	ORDERLY EVACUATION		EMPHASIS ON OR SPEED	DERLY EVACUATION RATHER	REQUIRED	REQL	JIRED	REQUIRED	
3	SIMULATED CONDITIONS	S	DRILLS HELD AT E	XPECTED & UNEXPECTED TIMES	REQUIRED	REQU	JIRED	REQUIRED	
4	RELOCATION AREA				REQUIRED	REQU	JIRED	REQUIRED	
С	INSPECTION								
	DUTY OF THE PRINCIPAL	S, TEACHER AND STAFF	TO INSPECT ALL EXIT FACILITIES TO ENSURE THAT ALL STAIRWAYS, DOORS & OTHER EXITS ARE IN PROPER CONDITION		DAILY INSPECTION REQUIRED	DAILY INSPECTION REQUIRED		DAILY INSPECTION REQUIRED	

Note:

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^{**}Occupancy Classification: Unless both the height and area requirements or criteria are met, the next higher classification or category SHALL apply.

^{*}FPR*-FIRE RESISTANCE RATING FPR**-FIRE PROTECTION RATING ASS-AUTOMATIC SPRINKLER SYSTEM / AUTOMATIC SUPPRESSION SYSTEM SS-SMOKE-STOP LOBBY FF-FIRE FIGHTING LOBBY

^{*}NP-NOT PERMITTED *P-PERMITTED *N/A-NOT APPLICABLE *R-REQUIRED *NR-NOT REQUIRED



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PORTABLE CABINS AND TEMPORARY BUILDINGS IN CONSTRUCTION SITES

ı	APPLICATIONS			A BUILDING OR GROUP OF BUILDII	NGS REQUIRED IN C	CONNECTION WITH A	ANY BUILDING WORKS RELATING	
		SITE OFFICES / LABOR AC	COMMODATION / STORES	TO PERMANENT BUILDINGS DESIGN BROUGHT ON TO SITE OR C				
Ш	OCCUPANCY CLASSIFICA	TION**		BUILDING HEIGHT REQUIR	EMENTS	NUMBER OF OCCU	JPANTS OR AREA REQUIREMENTS	
Α	PORTA-CABINS	PORTABLE CABINS		≤ 7.5M (2-STOREYS)			35M²/UNIT	
В	TEMPORARY BUILDINGS		CTION MADE FROM NON-COMBUSTIBLE, STEEL E CABINS (STACKED, BACK TO BACK OR END TO END	≤ 10M (G+2) WITH OPEN-SIDED ≤ 7.5M (G+1) WITH INTERNAL		≤500M² 20M MAX LENGTH OF EACH COMPARTMENT		
С	RESERVED		-	-			-	
	FIRE SAFETY	PROVISIONS	MINIMUM REQUIREMENTS	PORTA-CABINS	TEMPORAR	Y BUILDINGS	RESERVED	
Ш	SITE ACCESS							
Α	SITE ACCESS & ACCESS R	OAD	CLEAR WIDTH	4.0M MIN.	4.0N	I MIN.	-	
IV	BUILDING SETBACKS							
Α	DISTANCE FROM LOT BOX	UNDARY	3.0 METERS	REQUIRED	REQUIRED		-	
В	FIREBREAKS FROM EACH	UNIT/STRUCTURES	4.0 METERS	REQUIRED	REQUIRED		-	
С	DISTANCE FROM ANY CO	OKING FACILITIES	5.0 METERS	REQUIRED	REQUIRED		-	
	DISTANCE WITHIN 5M		1-HR FRP ENCLOSURE	REQUIRED	REQUIRED		-	
V	MEANS OF EGRESS (FRR*	FIRE RESISTANCE RATING	/ FPR** FIRE PROTECTION RATING)					
А	COMPONENTS AND CAPA EGRESS	ACITY OF MEANS OF						
1	SWING-TYPE DOORS		MINIMUM CLEAR WIDTH (<5 PERSONS)	750MM	810MN	/I (32IN.)	-	
	STAIRS		DOORS FRP (FIRE RESISTANCE PERIOD)	NOT REQUIRED	½-HF	R FRR*	-	
	STAINS		WALL ENCLOSURES FRP	NOT REQUIRED	1-HR	FRR*	-	
	STANDARD STAIRS		MINIMUM CLEAR WIDTH	1000MM	100	омм	-	
	SPIRAL STAIRS		COMPLYING WITH NFPA 101	PERMITTED	PERMITTED AS	SECONDARY EXIT	-	
3	CORRIDORS		MIN. CLEAR WIDTH INTERNAL CORRIDORS	1500MM	150	0MM	-	
	COMMIDONS		MIN. CLEAR WIDTH OPEN-SIDED CORRIDORS	1000MM	100	OMM	-	
4	FIREMEN ACCESS PANELS	S	OPENABLE WINDOWS (0.53 M²)	510MM X 610MM	510MM	X 610MM	-	
В	NUMBER OF EXITS							
	SINGLE EXIT		DOOR AS MAIN EXIT/S	REQUIRED	2 SEPARATE EXITS REQUIRED		-	
	SHIEL LAIT		WINDOW AS SECONDARY EXIT	REQUIRED	REQ	UIRED	-	
	2 EXITS		STAIR/S AS MAIN EXIT/S	REQUIRED	REQ	UIRED	-	



ı	APPLICATIONS			A BUILDING OR GROUP OF BUILDIN				
		SITE OFFICES / LABOR AC	COMMODATION / STORES	BROUGHT ON TO SITE OR CO				
II	OCCUPANCY CLASSIFICAT	TION**		BUILDING HEIGHT REQUIR	EMENTS	NUMBER OF OCCU	JPANTS OR AREA REQUIREMENTS	
А	PORTA-CABINS	PORTABLE CABINS		≤ 7.5M (2-STOREYS)		35M²/UNIT	
В	TEMPORARY BUILDINGS		CTION MADE FROM NON-COMBUSTIBLE, STEEL E CABINS (STACKED, BACK TO BACK OR END TO END	≤ 10M (G+2) WITH OPEN-SIDED CORRIDORS ≤ 7.5M (G+1) WITH INTERNAL CORRIDORS 20M MA			≤500M² ⁄I MAX LENGTH OF EACH COMPARTMENT	
С	RESERVED		-	-			-	
	FIRE SAFETY	PROVISIONS	MINIMUM REQUIREMENTS	PORTA-CABINS	TEMPORAR	Y BUILDINGS	RESERVED	
С	CAPACITY OF MEANS OF	EGRESS						
1	OCCUPANT LOAD FACTO	R		3 M ² PER PERSON	3 M² PEI	R PERSON	-	
D	ARRANGEMENT OF EXITS	S						
1	TRAVEL DISTANCE		ESCAPE ROUTE VIA OPEN-SIDED CORRIDORS	9M	45M		-	
1	TRAVEL DISTANCE		ESCAPE ROUTE VIA INTERNAL CORRIDORS	NO REQUIREMENT	30	0M	-	
2	COMMON PATH LIMIT		ESCAPE ROUTE VIA OPEN-SIDED CORRIDORS	9M	20	0M	-	
2	COMMON PATH LIMIT		ESCAPE ROUTE VIA INTERNAL CORRIDORS	NO REQUIREMENT	15M		-	
3	DEAD-END CORRIDOR			NOT PERMITTED	NOT PERMITTED		-	
4	EXIT DISCHARGE		DIRECT EXIT DISCHARGE TO BUILDING EXTERNAL	REQUIRED	REQUIRED		-	
Е	ILLUMINATION OF EXITS MEANS OF EGRESS	AND MARKINGS OF THE						
1	EXIT LIGHTS		EXITS, EXIT ACCESS & EXIT DISCHARGE	REQUIRED	REQ	UIRED	-	
2	EXIT SIGNS		EXIT ACCESS, EXIT DISCHARGE & EXITS OTHER THAN MAIN EXTERIOR EXIT DOORS,	REQUIRED	REQ	UIRED	-	
VI	BUILDING CONSTRUCTIO	N		PORTA-CABINS				
Α	CONSTRUCTION							
1	NON-COMBUSTIBLE OR	STEEL MATERIALS		REQUIRED	REQ	UIRED	-	
			EXTERIOR BEARING WALLS	1-HR FRR*	1-HR	R FRR*	-	
2	TIMBER MATERIALS		FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	1-HR FRR*	1-HR	R FRR*		
			FLOOR CONSTRUCTION	1-HR FRR*	1-HR FRR*			
3	BASE SUPPORT		ERECTED ON HARDBASE (CONCRETE)	REQUIRED	REQ	UIRED		
В	COMPARTMENTATION							
1	WALLS BETWEEN EACH O	COMPARTMENT	20M MAX LENGTH OF EACH COMPARTMENT	NOT REQUIRED	1-HR	R FRR*		



ı	APPLICATIONS			A BUILDING OR GROUP OF BUILDI	NGS REQUIRED IN O	CONNECTION WITH	ANY BUILDING WORKS RELATING		
		SITE OFFICES / LABO	R ACCOMMODATION / STORES	TO PERMANENT BUILDINGS DESIGNED TO BE EASILY MOVED FROM LOCATION TO LOCATION THAT MAY BE BROUGHT ON TO SITE OR CONSTRUCTED FOR DEFINED PERIOD OF USE PRIOR TO REMOVAL.					
II	OCCUPANCY CLASSIFICA	TION**		BUILDING HEIGHT REQUIREMENTS NUMBER OF OCC			UPANTS OR AREA REQUIREMENTS		
Α	PORTA-CABINS	PORTABLE CABINS		≤ 7.5M (2-STOREYS	5)		35M²/UNIT		
В	TEMPORARY BUILDINGS		TRUCTION MADE FROM NON-COMBUSTIBLE, STEEL TABLE CABINS (STACKED, BACK TO BACK OR END TO END	≤ 10M (G+2) WITH OPEN-SIDED ≤ 7.5M (G+1) WITH INTERNAL		20M MAX LEN	≤500M² 20M MAX LENGTH OF EACH COMPARTMENT		
С	RESERVED		.	-			-		
	FIRE SAFETY	PROVISIONS	MINIMUM REQUIREMENTS	PORTA-CABINS	TEMPORAR	Y BUILDINGS	RESERVED		
2	WALLS BETWEEN UNITS		WITHIN EACH COMPARTMENT	NOT REQUIRED	NOT RI	EQUIRED	-		
			INTERNAL CORRIDORS	½-HR FRR*	1/2-HR FRR*		-		
3	EXIT ACCESS CORRIDORS	5	OPEN-SIDED CORRIDORS	NOT REQUIRED	NOT REQUIRED		-		
			FIRE DOORS (INTERNAL CORRIDORS)	NOT REQUIRED	½-HR FRR*		-		
VII	FIRE PROTECTION								
Α	DETECTION ALARM AND SYSTEMS	COMMUNICATION							
1	FIRE ALARM SYSTEM		STAND ALONE DETECTORS (SMOKE ALARMS WIRED AND/OR BATTERY OPERATED)	PERMITTED	PERMITTED		-		
			MANUAL CALL POINT	REQUIRED	REQ	UIRED	-		
В	EXTINGUISHING REQUIR	EMENTS							
4	PORTABLE FIRE EXTINGL	HEHEDE	AT ENTRANCE IN EVERY UNIT	REQUIRED	REQ	UIRED	-		
1	PORTABLE FIRE EXTING	JISHERS	NEXT TO EVERY STAIRCASE AT EACH FLOOR	REQUIRED	REQ	UIRED	-		
2	FIRE HOSE REELS		25MM DIAMETER HOSE	NOT REQUIRED	REQ	UIRED	-		
5	FIRE HYDRANTS		TEMPORARY BUILDINGS >100M AWAY FROM PUBLIC ROAD	NOT REQUIRED	NOT REQUIRED		-		
С	AIR-CONDITIONING & M VENTILATION	IECHANICAL							
4			NATURAL OR MECHANICAL VENTILATION	REQUIRED	REQ	UIRED	-		
1	ALL HABITABLE ROOMS		OPENINGS FOR AIR-CIRCULATION	REQUIRED	REQUIRED		-		



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