

# WATER CONSERVATION CHECKLIST

## Regulation For the Internal Water Installations And Connection Works -May 2009 Edition

|  |  |              |             |     |
|--|--|--------------|-------------|-----|
| PROJECT NAME :                                   |  | Date         |             | Rev |
| LOCATION/AREA :                                  |  |              |             |     |
| PIN NUMBER :                                     |  |              |             |     |
| CONSULTANT NAME :                                |  |              |             |     |
| CONSULTANT CONTACT PHONE /EMAIL:                 |  |              |             |     |
| CLIENT NAME :                                    |  | BP<br>Number |             |     |
| BUILDING TYPE :                                  | Design Occupancy of premises:            |              |             |     |
|  | Conditioned floor area in m <sup>2</sup> |              |             |     |
| <b>Estimated daily Water consumption( cu.m):</b> | Domestic:                                |              | Irrigation: |     |
|  |  |              | Others:     |     |

The following information is required to check the building permit application for compliance with the Water Conservation requirements mentioned in the Regulation For the Internal Water Installations And Connection Works -May 2009 Edition.

| Section Ref | Item | Applicability |    |     | Information Required | Attached Drawing Reference Number | Remarks by KAHRAMAA Engineer |
|-------------|------|---------------|----|-----|----------------------|-----------------------------------|------------------------------|
|             |      | Yes           | No | N A |                      |                                   |                              |

### WATER CONSERVATION GUIDELINE (SECTION 7.0)

|       |  |  |  |  |                            |  |  |
|-------|--|--|--|--|----------------------------|--|--|
| 7.0.1 | Flow rate of metered faucets(Mechanical/Electronic) shall not exceed 2 gpm or 7.5 liters/minute(applicable only for public buildings)  |  |  |  | Provide notes in site plan |  |  |
| 7.0.2 | Flow rate of faucet shall not exceed 2.2 gpm or 8.32 liters/minute   |  |  |  |                            |  |  |
| 7.0.3 | Flush volumes of single flush Water Closets shall not exceed 1.64 gallons(6.4 liters)/flush for single flush tank  |  |  |  |                            |  |  |
| 7.0.3 | Flush volumes of dual flush Water Closets shall not exceed 1.40 gallons ( 5.3 Liters ) / flush in reduced flush mode and 2.0 gallons ( 7.6 Liters ) / flush in full flush mode |  |  |  |                            |  |  |
|       | Special water efficiency measure considered for the project(If any).   |  |  |  |                            |  |  |

**Notes:**

1. Check list to be provided with all BP applications for all projects Consultant/Authorised Signatory signature and stamp
2. The Checklists, Calculations and relevant drawings are to be detached By Installation engineer BP number entered and forwarded to Conservation Department