EWA
هيئة الكهرباء والماء
Electricity & Water Authority

إدارة ترشيد الكهرباء والماء
Electricity & Water Conservation Directorate

WATER REGULATION SYSTEM IMPLEMENTATION FORM

We Engineering Office/Authorized Plumber undersigned hereby declare that we had tested the water network for the below site, and found it in line with EWA's Water Regulation System, with emphasis on the following tabulated items :

Account No.: _____ **Owner Name :** _____

Unit: ____ **Building :** _____ **Road / Street :** _____ **Block :** ____ **Area :** _____

Contact No.:

No.	Water Regulation System Description	Status/Unit	(EWA)Remarks
1	Hydraulic Test completed by licensed plumber (for 24Hrs Not less than 150% of the network internal pressure)	☐ Passed ☐ Not Passed Test Date:	
2	Ground Tank inlet height from the street level (Maximum 1.5m), Distance not more than 30m from the Main meter.	☐Distance (_____) m ☐Height (_____) m	
3	Storage Capacity (minimum must be 1/3 capacity in ground tank) For Villas (Total Capacity- 6m³) ½ inch: Residential 1.5 m³/flat, Commercial 1.5 m³/flat 1 inch: Residential 1 m³/flat, Commercial 1.5 m³/flat 2 inches: Residential 0.5 m³/flat, Commercial 0.5 m³/flat	Ground tank: _____ Roof tank : _____ Total : _____	
4	Ground & Roof Tanks must be easy to reach, effectively protected against heat (kept in shade or in a room) or insulated tank and light color.	☐easy to reach ☐protected against heat	
5	Fix overflow line (3-5cm) below the inlet for ground and roof tanks, if the ground / underground tank is more than 10m³ must fix Audible or Visual Alarm System.	☐ 3 – 5 cm ☐ Alarm System	
6	Overflow water pipes connection location	☐ Visible	
7	Methods of All water lines connections -Easy to find leak and easy to replace	☐Visible ☐Inside sleeve	
8	Installation of Isolating Valves (Easy to reach) at Each line of Hot & Cold, Before Ground Tank, also for Water Heater with Safety Valve .	☐Cold Lines ☐Hot Lines ☐G. Tank Line ☐W. Heater	
9	Hot & Cold pipes shall be fully insulated.	☐Insulated	
10	No illegal connection or Direct pumping & intakes from Supply Line.	☐No illegal connection ☐No illegal intakes ☐No Direct pumping	
11	Max. Water appliance flow rate [Kitchen Sink-Basin (10 L/m), Bathroom Wash-Basin (8L/m), Shower Tap(10 L/m), Bath Tap(12 L/m)].	☐Sink-Basin ☐Wash-Basin ☐Bath Tap ☐Shower-Tap	
12	Flush Tanks capacity (not more than 6 liters) with Isolating valve and Dual Flushing System.	(___) L ☐Dual System ☐Isolating valve	
13	Urinals flushing system (Max = 2Liter Per flashing).	☐Sensor ☐Manual	
14	Separate tank available for garden area more than or equal 50m²	☐ Available - Fed by main line at higher level (0.2 or less) - Fed by G.Tank ☐ Not available	
15	Garden tap size should be 1/2" dia.	☐ Yes	
16	Gardens are provided: modern Irrigation system (Dripping or Sprinkler) with a Timer (adjust time: Early Morning, or Evening).	☐Dripping ☐Sprinkler ☐Timer	
17	Water Consumption For Irrigation:(Grass Area: one m² =10 L/Day) (one Tree =10 L/Day)	(_____) L/Day	
18	Individual Water Meters	☐ Yes ☐ No	

Plumber Name:_____ **License No**:_____

Sign:_____ **Date:**_____

Tel.:_____ ((Stamp))

Engineering Office:

Sign:_____

Date:_____ ((Stamp))

Electricity & Water Conservation Inspected By:

Name : **Date :**_____

Sign :_____ **Remarks :**

Electricity & Water Conservation

Engineer :_____**Date :**_____

Sign :_____ ((Stamp))

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