



Water for All: Conserve, Value, Enjoy

**DEMAND MANAGEMENT SECTION
WATER SUPPLY (NETWORK) DEPARTMENT
PUB**

40 SCOTTS ROAD #10-01
ENVIRONMENT BUILDING
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**APPLICATION FORM FOR POTABLE WATER/NON-POTABLE WATER
REQUIREMENT FOR THE PROPOSED USE OF INDUSTRIAL PREMISES**

Note: PUB clearance is not required if the potable water consumption of proposed usage is less than 500 cubic metres per month

1. PROPOSED FACTORY & APPLICANT DETAILS

Type of Factory : Flatted / Standard / Terrace Workshop / Industrial Land

Name of Company : _____

Factory Address : _____

Proposed Activities : _____

Total Estimated Potable Water Requirement (m³/mth): _____

Total Estimated Non-Potable Water Requirement (m³/mth): _____

Company mailing address : _____

Contact Person : _____

Telephone No : _____

Fax No : _____

E-mail : _____

POTABLE WATER AND NON-POTABLE WATER REQUIREMENT

1 Production

- a Nature of manufacturing products : _____
- b Production Rate : _____
- c Potable water /Non-Potable water* required for production use : _____ m³/mth.
Please attach a schematic flow chart of your manufacturing process indicating the quantity of water required at each stage.
- d Peak hour demand (if applicable) : _____ m³/hr

2 Cooling – Potable water/Non-Potable water*

- a Number of cooling towers : _____
- b Refrigerating capacity and operating hours of individual cooling tower :

_____ Tons	_____ hr/mth)
_____ Tons	_____ hr/mth) As a water conservation
_____ Tons	_____ hr/mth) measure, an air-cooled
_____ Tons	_____ hr/mth) or refrigerant cooled
_____ Tons	_____ hr/mth) system is preferred to a
_____ Tons	_____ hr/mth) water cooled system.
_____ Tons	_____ hr/mth)
- c Inlet/Outlet temperature of cooling water : _____ / _____ °C
- d Make up water required for cooling towers : _____ m³/mth

3 Generation of Steam - Potable water/Non-Potable water*

- a Boiler capacity : _____ kg/hr of steam produced
- b Operating hours : _____ hr/month
- c Percentage of condensate return : _____ %
- d Operational pressure : _____ bar
- e Make-up water required for boiler : _____ m³/mth
- f Water required for blow down : _____ m³/mth
- g Total water required for boiler (e + f) : _____ m³/mth

POTABLE WATER AND NON-POTABLE WATER REQUIREMENT (CONTD)

4 Domestic Use (with/without canteen)*

- a Total No. of worker/staff : _____
- b Consumption per worker/
staff per day : _____ lit/day
- c Potable water required
for domestic usage (axb) : _____ m³/day
= _____ m³/mth

5 Other Usage (please specify)

- 6 i) The Total Estimated Potable Water required by
our company (1c + 2d + 3g + 4c + 5) : _____ m³/mth
- i i) The Total Estimated Non-Potable Water required
by our company (1c + 2d + 3g + 5) : _____ m³/mth

7 Water Recovery- Potable water/Non-Potable water*

Do you recycle/reclaim water from process? Yes / No *

If yes, please provide your estimated water recycling ratio achieved in percentage :

_____ % (overall recycling)

_____ % (recycling plant, if applicable)

* To be deleted if not applicable.