TWENTY-FIFTH SCHEDULE

[Subregulation 360B(3) and 360C(3)]

[Subs. PU (A) 313/12]

STANDARD FOR PACKAGED DRINKING WATER AND VENDED WATER

1. Physical standard

Physical properties	*Maximum permitted proportion*
pH	6.5-8.5
Colour (True Colour Unit)	5
Turbidity (Nephelometric turbidity unit)	0.1

2. Chemical standard

Chemicals	*Maximum permitted proportion in miligram per litre (mg/l)*
Aldrin/Dieldrin	absent
Aluminium (as Al)	0.04
Ammonia (as N)	0.1
Anionic Detergent (MBAS)	0
Antimoni	0.001
Arsenic (as As)	0.001
Barium	0.14
Biocides (Total)	0.02
Boron	0.1
Bromodichloromethane	0.012*
Bromoform	0.02*
Cadmium (as Cd)	0.0006
Carbon chloroform extract	0.1
Chlordane	absent
Chloride (as Cl)	50
Chloroform	0.006*
Chlorpyrifos	absent
Chromium (as Cr)	0.01
Copper (as Cu)	0.2
Cyanide (as CN)	0.014
2,4-D	absent
DDT	absent
Dibromochloromethane	0.02*
Endosulfan	absent
Fluoride (as F)	0.6
Hardness (as $CaCO_3$)	100
Heptachlor & heptachlor epoxide	absent
Hexachlorobenzena	absent
Iron (as Fe)	0.06
Lead (as Pb)	0.002
Lindane	absent
Magnesium	30
Manganese (as Mn)	0.02
Mercury (as Hg)	0.0002
Methoxychlor	absent
Mineral oil	0.06
Nitrite(calculated as NO_2^-)	0.04#
Nitrate(calculated as NO_3^-)	10#
Nitrate (calculated as N)	2
Nikel	0.004

Chemicals	*Maximum permitted proportion in miligram per litre (mg/l)*
Phenol	0.0004
Residual Chlorine (Free)	0.04
Selenium (as Se)	0.002
Silver (as Ag)	0.01
Sodium (as Na)	40
Styrene	0.02
Sulphate (as SO_4)	50
Zinc (as Zn)	0.6

3. Bacteriological Standard

Bacteria	*Method*	*Count per 100 ml*
Total coliform	1. Multiple tube method (37^oC/48 hrs)	(i) shall not exceed 10 (Most Probable Number); and (ii) shall not be detectable in 2 consecutive samples.
	2. Membrane filter	(i) arithmetic mean of all monthly samples is 1 colony per 100 ml; and (ii) not more than 4 colonies per 100 ml in 2 consecutive samples.
Escherichia coli or thermotolerant coliform	Multiple tube method	Nil (Most Probable Number)
Fecal *Streptococci*	Membrane filter	Nil in 100 ml
Pseudomonas aeroginosa	Membrane filter	Nil in 100 ml
Clostridium perfringens	Membrane filter	Nil in 100 ml
Sulphite reducing anaerob	Membrane filter	Nil in 100 ml

4. Radioactivity

Gross α	0.1 Bq/l
Gross β	1.0 Bq/l

NOTE:

1. * The sum of ratio of the concentration of each to its respective permitted maximum level shall not exceed 1

$$\frac{C_{chloroform}}{ML_{chloroform}} + \frac{C_{bromoform}}{ML_{bromoform}} + \frac{C_{dibromochloromethane}}{ML_{dibromochloromethane}} + \frac{C_{bromodichloromethane}}{ML_{bromodichloromethane}} \leq 1$$

C : concentration from water sample analysis result
ML : permitted maximum level

2. # The sum of ratio of the concentration of each to its respective permitted maximum level shall not exceed 1

$$\frac{C_{nitrite}}{ML_{nitrite}} + \frac{C_{nitrate}}{ML_{nitrate}} \leq 1$$

C : concentration from water sample analysis result
ML : permitted maximum level".

[Ins. PU (A) 313/12]

TWENTY-FIFTH A SCHEDULE

[Subregulation 394(1))

STANDARD FOR WATER

1. Physical standard

Physical properties	*Maximum permitted proportion*
pH	6.5-8.5
Colour (True Colour Unit)	15
Turbidity (Nephelometric turbidity unit)	2

2. Chemical standard

Chemicals	*Maximum permitted proportion in miligram per litre (mg/l)*
Aldrin/Dieldrin	0.00003
Aluminium (as Al)	0.2
Ammonia (as N)	0.5
Anionic Detergent (MBAS)	1
Antimoni	0.005
Arsenic (as As)	0.01
Barium	0.7
Biocides (Total)	0.1
Bromodichloromethane	0.06*
Bromoform	0.1*
Boron	0.5
Cadmium (as Cd)	0.003
Carbon chloroform extract	0.5
Chlordane	0.0002
Chloride (as Cl)	250
Chromium (as Cr)	0.05
Chloroform	0.2*
Chlorpyrifos	0.03
Copper (as Cu)	1
Cyanide (as CN)	0.07
2,4-D	0.03
DDT	0.001
Dibromochloromethane	0.1*
Endosulfan	0.03
Fluoride (as F)	0.6
Hardness (as $CaCO_3$)	500
Heptachlor & heptachlor epoxide	0.00003
Hexachlorobenzene	0.001
Iron (as Fe)	0.3
Lindane	0.002
Lead (as Pb)	0.01
Manganese (as Mn)	0.1
Magnesium	150
Mercury (as Hg)	0.001
Methoxychlor	0.02
Mineral oil	0.3
Nikel	0.02
Nitrite (calculated as NO_2^-)	0.2#
Nitrate(calculated as NO_3^-)	50#
Nitrate (calculated as N)	10

Chemicals	*Maximum permitted proportion in miligram per litre (mg/l)*
Phenol	0.002
Residual Chlorine (Free)	Not less than 0.2
Selenium (as Se)	0.01
Silver (as Ag)	0.05
Sodium (as Na)	200
Styrene	0.2
Sulphate (as SO_4)	250
Zinc (as Zn)	3

3. Bacteriological Standard

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