Outline of the Revision:

The Ministrial Ordinance for the Standards for Structure and Material of Domestic Water Supply Equipments

Amendement of judgement criteria for the standards of extraction water from domestic water supply equipments

Appended Table 1 (in relation to Article 2 of the Ministrial Ordinance)

Standards of extraction water from domestic water supply equipments

(Draft Revision)

items	Standards （mg/L or less）	
	Endpoint devices	In-line devices
Cadmium	0.001 → 0.0003	0.01 → 0.003
Mercury	0.00005	0.0005
Selenium	0.001	0.01
Lead	0.001	0.01
Arsenic	0.001	0.01
Chromium	0.005	0.05
Cyanide	0.001	0.01
Nitrate nitrogen & nitrite nitrogen	1.0	10
Fluorine	0.08	0.8
Boron	0.1	1.0
Carbon tetrachloride	0.0002	0.002
1,4-Dioxane	0.005	0.05
1,2-dichloroethane	0.0004	0.004
Cis-1,2-dichloroethylene & Trans-1,2-dichloroethlene	0.004	0.04
Dichloromethane	0.002	0.02
Tetrachloroethylene	0.001	0.01
1,1,2-trichloroethane → none	0.0006 → none	0.006 → none
Trichloroethylene	0.003	0.03
Benzene	0.001	0.01
Formaldehyde	0.008	0.08
Zinc	0.1	1.0
Aluminium	0.02	0.2
Iron	0.03	0.3
Copper	0.1	1.0
Sodium	20	200
Manganese	0.005	0.05
Chlorine ion	20	200
Evaporation residue	50	500

Anion surfactants	0.02	0.2
Nonionic surfactant	0.005	0.02
Phenols	0.0005 as convert it into the amount of phenol	0.005 as convert it into the amount of phenol
Organic substances (total organic carbon)	0.5	3
Taste	Not abnormal	Not abnormal
Smell	Not abnormal	Not abnormal
Color	0.5 degrees or less	5 degrees or less
Turbidity	0.2 degrees or less	2 degrees or less
Epichlorohydrin	0.01	0.01
Amines	0.01 as Triethylenetetramine	0.01 as Triethylenetetramine
2,4-toluenediamine	0.002	0.002
2.6-toluenediamine	0.001	0.001
Vinyl acetate	0.01	0.01
Styrene	0.002	0.002
1,2-butadiene	0.001	0.001
1,3-butadiene	0.001	0.001

Transitional Measure:

With regard to domestic water supply equipments which actually exist at the time of the enforcement, which are to be installed under a commenced consctuction project or which are to be installed to buildings under construction and does not conform to the provisions of Article 2 paragraph1, until major upgrade of its equipment, this provision shall not apply.

Reference:

The Ministrial Ordinance for the Standards for Structure and Material of Domestic Water Supply Equipments

The following is the excerpt of the Ordinance describing the regulation of standards for extraction water from water supply facilities.

Article2. Paragraph1

The quality of the domestic water supply equipments to be used to provide drinking water shall be demonstrated to satisfy standards in the middle and right column of the Appended table1 (the middle column for endpoint devices and right column for in-line devices regarding the items listed in the left column) by the experiment of extraction that is conducted with their samples (equipments, parts, or materials (excluding metals)) by order of the Minister of Health, Labour and Welfare.

Appended Table1 (in relation to Arcitle 2)

Items	Standards	
	Endpoint devices	In-line devices
Cadmium	0.001mg/L or less	0.01mg/L or less
Mercury	0.00005mg/L or less	0.0005mg/L or less
Selenium	0.001mg/L or less	0.01mg/L or less
Lead	0.001mg/L or less	0.01mg/L or less
Arsenic	0.001mg/L or less	0.01mg/L or less
Chromium	0.005mg/L or less	0.05mg/L or less
Cyanide	0.001mg/L or less	0.01mg/L or less
Nitrate nitrogen & nitrite nitrogen	1.0mg/L or less	10mg/L or less
Fluorine	0.08mg/L or less	0.8mg/L or less
Boron	0.1mg/L or less	1.0mg/L or less
Carbon tetrachloride	0.0002mg/L or less	0.002mg/L or less
1,4 Dioxane	0.005mg/L or less	0.05mg/L or less
1,2 dichloroethane	0.0004mg/L or less	0.004mg/L or less
Cis-1,2-dichloroethylene & Trans-1,2-dichloroethylene	0.004mg/L or less	0.04mg/L or less
Dichloromethane	0.002mg/L or less	0.02mg/L or less
Tetrachloroethylene	0.001mg/L or less	0.01mg/L or less
1,1,2-Trichloroethane	0.0006mg/L or less	0.006mg/L or less
Trichloroethylene	0.003mg/L or less	0.03mg/L or less
Benzene	0.001mg/L or less	0.01mg/L or less
Formaldehyde	0.008mg/L or less	0.08mg/L or less
Zinc	0.1mg/L or less	1.0mg/L or less
Aluminium	0.02mg/L or less	0.2mg/L or less
Iron	0.03mg/L or less	0.3mg/L or less
Copper	0.1mg/L or less	1.0mg/L or less
Sodium	20mg/L or less	200mg/L or less
Manganese	0.005mg/L or less	0.05mg/L or less
Chlorine ion	20mg/L or less	200mg/L or less
Evaporation residue	50mg/L or less	500mg/L or less
Anion surfactants	0.02mg/L or less	0.2mg/L or less
Nonionic surfactant	0.005mg/L or less	0.02mg/L or less
Phenols	0.0005mg/L or less as convert it into the amount of phenol	0.005mg/L or less as convert it into the amount of phenol
Organic substances (total organic carbon)	0.5mg/L or less	3mg/L or less
Taste	Not abnormal	Not abnormal
Smell	Not abnormal	Not abnormal
Color	0.5 degrees or less	5 degrees or less
Turbidity	0.2 degrees or less	2 degrees or less
Epichlorohydrin	0.01mg/L or less	0.01mg/L or less
Amines	0.01mg/L or less as Triethylenetetramine	0.01mg/L or less as Triethylenetetramine
2,4-toluenediamine	0.002mg/L or less	0.002mg/L or less
2.6-toluenediamine	0.001mg/L or less	0.001mg/L or less
Vinyl acetate	0.01mg/L or less	0.01mg/L or less
Styrene	0.002mg/L or less	0.002mg/L or less
1,2-butadiene	0.001mg/L or less	0.001mg/L or less
1,3-butadiene	0.001mg/L or less	0.001mg/L or less

Reference:

For endpoint devices which copper alloy is used for their main components, judgment criteriafor lead, zinc and copper shall be 0.007mg/L, 0.97mg/L, and 0.98mg/L respectively, instead of abovetable.