

Marine Water Quality Criteria and Standards

Parameter	Class 1	Class 2	Class 3	Class E
Uses	Preservation, Marine Protected Areas, Marine Parks	Marine life, Fisheries, Coral Reefs, Recreational and Mariculture	Ports, Oil & Gas Fields	Mangroves Estuarine & River-mouth Water
Temperature(≤2 ° maximum ambient	≤2 maximum ambient	≤2 ° maximum ambient	≤2 ° over maximum ambient
Dissolved oxygen(mg/L)	>80%saturation	5	3	4
Total suspended solid (mg/L)	25 mg/L or ≤10 % increase in seasonal average, whichever is lower	50 mg/L or ≤10 % increase in seasonal average, whichever is lower	100 mg/L or ≤10 % increase in seasonal average, whichever is lower	100 mg/L or ≤30 % increase in seasonal average, whichever is lower
Oil and grease(mg/L)	0.01	0.14	5	0.14
Mercury*(µg/L)	0.04	0.16(0.04)	50	0.5
Cadmium(µg/L)	0.5	2(3)	10	2
Chromium(µg/L)	5	10	48	10
Copper(VI)(µg/L)	1.3	2.9	10	2.9
Arsenic(III)*(µg/L)	3	20(3)	50	20(3)
Lead(µg/L)	4.4	8.5	50	8.5
Zinc(µg/L)	15	50	100	50
Cynade(µg/L)	2	7	20	7
Ammonia(unionized)(µg/L)	35	70	320	70
Nitrite(µg/L)	10	55	1,000	55
Nitrate(µg/L)	10	60	1,000	60
Phosphate(µg/L)	5	75	670	75
Phenol(µg/L)	1	10	100	10
Tributyltin(µg/L)	0.001	0.01	0.05	0.01
Faecal coliform	70 faecal coliform 100mL-1	100 faecal coliform 100mL-1 & (70 faecal coliform 100mL-1)	200 faecal coliform 100mL-1	100 faecal coliform 100mL-1 & (70 faecal coliform 100mL-1)

Polycyclic Aromatic Hydrocarbon (PAHs)µg/L	100	200	1,000	1,000
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Note:* MWQCS in parentheses are for coastal and marine water areas where seafood for human consumption is applicable.