# (r. 11)

**THIRD SCHEDULE**

**STANDARDS FOR EFFLUENT DISCHARGE INTO THE ENVIRONMENT**

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| **Parameter** | **Max Allowable(Limits)** |
| 1,1,1-trichloroethane (mg/l) | 3 |
| 1,1,2-trichloethane (mg/l) | 0.06 |
| 1,1-dichloroethylene | 0.2 |
| 1,2-dichloroethane | 0.04 |
| 1,3-dichloropropene (mg/l) | 0.02 |
| Alkyl Mercury compounds | Nd |
| Ammonia, ammonium compounds, NO3 compounds and NO2 compounds  (Sum total of ammonia-N times 4 plus nitrate-N and Nitrite-N) (mg/l) | 100 |
| Arsenic (mg/l) | 0.02 |
| Arsenic and its compounds (mg/l) | 0.1 |
| Benzene (mg/l) | 0.1 |
| Biochemical Oxygen Demand (BOD 5days at 20 oC) (mg/l) | 30 |
| Boron (mg/l) | 1.0 |
| Boron and its compounds – non marine (mg/l) | 10 |
| Boron and its compounds –marine (mg/l) | 30 |
| Cadmium (mg/l) | 0.01 |
| Cadmium and its compounds (mg/l) | 0.1 |
| Carbon tetrachloride | 0.02 |
| Chemical Oxygen Demand (COD (mg/l) | 50 |
| Chromium VI (mg/l) | 0.05 |
| Chloride (mg/l) | 250 |
| Chlorine free residue | 0.10 |
| Chromium total | 2 |
| cis –1,2- dichloro ethylene | 0.4 |
| Copper (mg/l) | 1.0 |
| Dichloromethane (mg/l) | 0.2 |
| Dissolved iron (mg/l) | 10 |
| Dissolved Manganese(mg/l) | 10 |
| E.coli (Counts / 100 ml) | Nil |
| Fluoride (mg/l) | 1.5 |
| Fluoride and its compounds (marine and non-marine) (mg/l) | 8 |
| Lead (mg/l) | 0.01 |
| Lead and its compounds (mg/l) | 0.1 |
| n-Hexane extracts (animal and vegetable fats) (mg/l) | 30 |
| n-Hexane extracts (mineral oil) (mg/l) | 5 |
| Oil and grease | Nil |
| Organo-Phosphorus compounds (parathion,methyl parathion,methyl demeton and Ethyl parantrophenyl  phenylphosphorothroate, EPN only) (mg/l) | 1.0 |
| Polychlorinated biphenyls, PCBs (mg/l) | 0.003 |
| pH ( Hydrogen ion activity marine) | 5.0-9.0 |
| pH ( Hydrogen ion activity--non marine) | 6.5-8.5 |
| Phenols (mg/l) | 0.001 |
| Selenium (mg/l) | 0.01 |
| Selenium and its compounds (mg/l) | 0.1 |
| Hexavalent Chromium VI compounds (mg/l) | 0.5 |
| Sulphide (mg/l) | 0.1 |
| Simazine (mg/l) | 0.03 |
| Total Suspended Solids, (mg/l) | 30 |
| Tetrachloroethylene (mg/l) | 0.1 |
| Thiobencarb (mg/l) | 0.1 |
| Temperature (in degrees celious) based on ambient temperature |  3 |
| Thiram (mg/l) | 0.06 |
| Total coliforms ( counts /100 ml) | 30 |
| Total Cyanogen (mg/l) | Nd |
| Total Nickel (mg/l) | 0.3 |
| Total Dissolved solids (mg/l) | 1200 |
| Colour in Hazen Units (H.U) | 15 |
| Detergents (mg/l) | Nil |
| Total mercury (mg/l) | 0.005 |
| Trichloroethylene (mg/l) | 0.3 |
| Zinc (mg/l) | 0.5 |
| Whole effluent toxicity |  |
| Total Phosphorus (mg/l) | 2 Guideline value |
| Total Nitrogen | 2 Guideline value |

**And any other parameters as may be prescribed by the Authority from time to time Remarks**

Standard values are daily/monthly average discharge values. Not detectable (nd) means that the pollution status is below the detectable level by the measurement methods established by the Authority.

11