

Environmental Standards

Effluent

OIL REFINERY : STANDARDS FOR LIQUID EFFLUENT

Parameter	Concentration not to exceed, limit in mg/l (except for pH)	Quantum, kg/1000 tonne Crude processed not to exceed
Oil & grease	10	7
Phenol	1	0.7
Sulphide	0.5	0.35
Bio-chemical oxygen demand (3 days, 27°C)	15	10.5
Suspended solids	20	14
pH	6 to 8.5	

Source : EPA Notification
[S.O. 844(E), dt. 19th Nov., 1986]

Oil Refinery : Standards for Sulphur Dioxide

Process	Emission limit
Distillation (Atmospheric Plus Vacuum)	0.25 kg/tonne of feed
Catalytic Cracker	2.5 kg/tonne of feed
Sulphur Recovery Unit	120 kg/tonne of sulphur in the feed

Source : EPA Notification
[G.S.R. 742(E), dt. 30th Aug; 1990]