Note:-

(i) All effort shall be made to reuse and re-circulate the water and to maintain 'Zero discharge'.

(ii) Stormwater drain shall be provided within the premises of the industry so as to avoid mixing with effluent].

[1][100. COMMON HAZARDOUS WASTE INCINERATOR

	A. Emission	
	Limiting concentration in mg/Nm^3 unless stated	Sampling Duration in (minutes) unless stated
Particulate Matter	50	30
HCL	50	30
SO_2	200	30
CO	100	30
	50	24 hours
Total Organic Carbon	20	30
HF	4	30
NOx (NO and NO_2, expressed as NO_2	400	30
Total dioxins and furans	0.1 $ngETQ/Nm^3$	8 hours
Cd+Th+their compounds	0.05	2 hours
Hg and its compounds	0.05	2 hours
Sb+As+Pb+Co+ Cr+Cu+Mn+Ni+ V+their compounds	0.50	2 hours

[1] Inserted by Rule 2 of the Environment (Protection) Fifth Amendment Rules, 2008 notified by G.S.R.481(E), dated 26.6.2008.

Notes:

i. All monitored values shall be corrected to 11 % oxygen on dry basis.

ii. The CO_2 concentration in tail gas shall not be less than 7%.

iii. In case, halogenated organic waste is less than 1% by weight in input waste, all the facilities in twin chamber incinerators shall be designed to achieve a minimum temperature of 950°C in secondary combustion chamber and with a gas residence time in secondary combustion chamber not less than 2 (two) seconds.

iv. In case halogenated organic waste is more than 1% by weight in input waste, waste shall be incinerated only in twin chamber incinerators and all the facilities shall be designed to achieve a minimum temperature of 1100°C in secondary combustion chamber with a gas residence time in secondary combustion chamber not less than 2 (two seconds).

v. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, as to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3%, or their loss on ignition is less than 5% of the dry weight].