

Wastes Treatment Summary

Wastes Treatment	Methylene Chloride CH ₂ Cl ₂ (Liquid)	Rimon heavies (Slurry)	BU heavies (Slurry)	Methyl Chloride CH ₃ Cl (Gas)	Methyl Bromide CH ₃ Br (Gas)	MIPA C ₃ H ₉ N (Gas)	MC, IPA, Allyl Chloride CH ₂ Cl ₂ /C ₃ H ₈ O/C ₃ H ₅ Cl (Gas)
Power (KW)	28.7	23.2	22.5	22.6	23.2	22.6	24.5
Capacity (KG/HR)	57.2	18.5	9	14.9	0.852	0.0903	3.520
Temperature of destruction (°C)	~ 3600	~3145	~ 3080	~2950	~3140	~3100	~3400
ΔT (°C) Cooling water of reactor	10-11	14-15	12-14	3	3-4	3-3.5	1.5-2.5
Temperature of gases from reactor (°C)	840	900	825	205	215	145	200
Conversion (%)	99.99	99.90	99.90	99.91	98.50	96.80	99.9999
Independent laboratory results of Emission Rate (Kg/hr)	-	Toluene: 0.00014 Xylene: 0.00014	-	0.0136 0.0136	0.0138 0.0138	0.0029 0.0029	0.0000 0.0000
Regulation Emission Rate (Kg/hr)	-	2	-	0.1	0.1	0.1	0.1