

75. SODA ASH INDUSTRY (SOLVAY PROCESS)

PARAMETER	MINAS (Recipient body specified)		
	Marine	Brackish	Inland surface
pH	6.5—9	6.5—9	6.5—9
Temperature	45°C or less	45°C or less	45°C or less
Oil & Grease	2 mg/l	20 mg/l	10 mg/l
Suspended Solids(SS)	500 mg/l	200 mg/l	100 mg/l
Ammoniacal nitrogen	5 mg/l	50 mg/l	30 mg/l
Bio-assay	96 hours 30% survival	96 hours 90% survival	96 hours 90% survival

Note :- MINAS for disposal in brackish and inland surface water are without any dilution.

Standards for Dual Process Soda Ash Plants :

Parameter	MINAS
	(Inland Surface Water)
pH	6.5—8.0
Ammoniacal nitrogen, as N(mg/l)	50
Nitrate nitrogen, as N(mg/l)	10
Cyanide, as CN(mg/l)	0.2
Hexavalent chromium(mg/l)	0.1
Total chromium(mg/l)	2.0
Suspended solids(mg/l)	100
Oil and Grease (mg/l)	10

Note : The Standards are to be implemented by the industry in a time targeted schedule ¹[by December, 1999]. The progress on the time targeted implementation schedule shall be periodically submitted by the industry to the State Pollution Control Board and Central Pollution Control Board.

¹ Substituted by Rule 2 (ii) of the Environment (Protection) (Second Amendment) Rules, 1999 notified by Notification G.S.R.682(E), dated 5.10.1999.