

Table 1: Environmental Protection Standards for Nitrogen Fertiliser Plants

Concentration in Effluents Not to Exceed Indicated Milligrams per Litre (except for pH)		
	Plants Commissioned after January 1, 1982	Plants Commissioned prior to January 1, 1982
Liquid Effluents		
a. Straight Nitrogen Fertilisers, excluding Calcium Ammonium Nitrate and Ammonium Nitrate		
pH	6.5 - 8.0	6.5 - 8.0
Ammoniacal Nitrogen	50	75
Total Kjeldahl Nitrogen	100	150
Free Ammoniacal Nitrogen	4	4
Nitrate Nitrogen as N	10	10
Cyanide as CN	0.2	0.2
Vanadium as V	0.2	0.2
Arsenic as As	0.2	0.2
Suspended Solids	100	100
Oil and Grease	10	10
Hexavalent Chromium as Cra	0.1	0.1
Total Chromium as Cra	2.0	2.0
b. Calcium Ammonium Nitrate and Ammonium Nitrate		
Concentration of all parameters in the effluents remain same as above except nitrate nitrogen . Concentration of Nitrate Nitrogen in the effluent not to exceed 20 milligrams per litre N.		
	Prilling tower commissioned after January 1982	Prilling tower commissioned prior to January 1982
Gaseous Emissions		
Urea (Particulate emissions)	50 mg per normal cubic meter (0.5 kg per tonne urea)	150 mg per normal cubic meter (2.0 kg per tonne urea)

- At outlet of Chromate removal unit.