

## Annexure 12

### Indian Standards for Drinking Water (IS:10500-1991)

Sl No	Parameters	Permissible Limits (mg/l)	Excessive Limits (mg/l)	Remarks
1	PH		6.5-8.5	No relaxation
2	Total Dissolved Solids	500	2000	
3	Total Hardness	300	600	
4	Calcium	75	200	
5	Magnesium	30	100	
6	Sulphate	200	400	
7	Chloride	250	1000	
8	Nitrate	45	100	
9	Fluoride	1	1.5	
10	Iron	0.3	1	

**As Indian Standards give no recommendations for electrical conductivity and phosphate, WHO recommendations may be considered.**

Parameters	Recommended Levels
Electrical conductivity (Micro Siemens)	400
Phosphate (mg/L)	0.1

**NOTE:**

Except pH and electrical conductivity all parameters are mg/L.