

Name of projects :- Consultancy services for health survey of the existing plant structure of entire complex of IFFCO plant at Paradeep Unit.

Plant Structure :- Boiler House -AFBC

Grid No.	Member	Section size	Observation
A	Columns		
	Level 0 to 3.35 & 3.60 m.		
	Column A1-9 to D1-9	ISMB 300/500 ISMC Box400x400, 750x600, 600x660	Common observation - Bottom part encased, The column member noted with sminor corrosion, Scaling and localized flaking etc.
	Level 0 to 3.35& 3.60 m.		
	Cross bracings	ISA 100x100	Common observation -Minor corrosion noted
	Level 0 to 3.35& 3.60 m.		
	Main Beams	ISMB 400/200/250/150	Common observation - Minor corrosion, localized missing of nut-bolts, localized tack welding done instead of full welding, localized missing of seat/cleat angles etc.