

CHECK LIST FOR CABLE CROSSING

Sub:-

S. No.	ITEMS	DETAILS ENCLOSED
1	Use of culverts, sub-ways for crossing if existing	
2	Maintaining distance of at least 5 meters from any TSS, FP, Switching sub station or mast or structure in the electrified territory.	
3	Prior approval of the railway for the type of cable to be used for track crossing	
4	Use of cast iron pipes or spun concrete of suitable diameter to pass additional cables in future if required	
5	Approval by railway for specification of pipes used for track crossing	
6	Laying of pipes not less than 1 meter below the foundation level	
7	Gradient for long length of pipe to facilitate drainage of water.	
8	Laying of pipe up to the railway boundary at both ends or up to the point as prescribed by the railway	
9	Follow up for "Code of practice for installation and maintenance of power cables 1967".	
10	Armoring and sheathing of the U/G cable laid across any electrification railway track with two independent earths at the end of the cables.	
11	Ensuring no earthing of the cable within 500 meter of the electrified track	
12	Approval by railway authority for earthing done in the vicinity.	
13	Maintaining distance of H+6 meter from the centre of the railway track from structure where the cable terminates.	
14	Availability of cable markers one at each end of the crossing with following information details: Volts:- Sing of danger:- Theft of cable below ground level:- No. of cables:-	
15	Approval by the railway for design of the cable marks.	