

PRE_IHI CHECK LIST FOR INSPECTION OF LT LINE (Bare & AB Cable)				F04(09.05.14) Eff.Date: 01.05.2023 R00	
Circle -		Division -		Sub Division -	
Section -		Name of DTR & Code		Name of Location:	
Date of Inspection -		Description of Work :		Permission no./Ref. no.:	
BA Name		BA Representative :		TPWODL Representative:	
Length of Line in Km:		Size of Conductor in sq.mm.:		Size of AB Cable.:	
Sr. No	Description	Observations		Remark	
		O.K.	Not O.K.		
1	SLD Dwg no.				
2	Size/Rating of installed material as per approved concept note/estimate/drawings specification				
3	Verticality of pole				
4	Whether Poles are aligned				
5	Ground Clearance of LT Line				
6	Line to Line Crossing clearance				
7	Pole depth is upto GL marked on PSC/RSJ Poles				
8	Pole Numbering done				
9	Provision of barbed wire				
10	Provision of danger board				
11	Whether every Pole is earthed				
12	Whether every Cut Point is earthed				
13	Earth Pipe provided with less than 150 mm length above ground				
14	GI Earth wire of 10 SWG connected to earthing pipes with proper nuts and bolts				
15	GI Earth wire taken up to all non-current carrying metal parts				
16	Earthing pit is 1.2 m away from Pole Pit				
17	Earth Resistance records are available				
18	Shackle Insulators properly fixed				
19	Aluminium Bobbin is provided in Neutral Conductor				
20	Binding of conductor on insulator whether proper				
21	Span is not more than 50 m				
22	Adjacent spans conductors OK(Yes), Too tight or Too loose (No)				
23	Whether Guarding for Road/Line/Canal etc is done as per drawing with proper lacing				
24	Check proper size of PG Clamp/wedge connectors used for jointing				
25	Phase to phase clearance is ok				
26	Phase to Earth Clearance is ok (at least 330 mm)				
27	Phase to Ground clearance is ok				
28	Whether Stay Set is provided at Guarding				
29	Whether Thimbles are used in Stay Set				
30	Whether Barbed wire provided in Stay Set				
31	Whether Stay Set is earthed				
32	Size of stay wire 7/3.15 mm				
33	Length of stay rod above ground whether 150 mm				
34	Whether stay insulator is used.				
35	Check the turn buckle is so fixed that it is half way in the working position, thus giving the maximum movement for tightening or loosening				
36	Whether guard loops are used at all locations				
37	Aluminium painting of non-current carrying metal parts				
38	Proper Size of LTAB Cable				
39	Piercing connector is used for every cut point, service connection, LTDB Fixing				
40	Proper size of Suspension clamp is used for stringing of cable				
41	Dead end clamp used in cut point/Anchoring clamp provided for supporting of LT AB Cable each end / starting pole.				

42	Eye hook provided for supporting of LT AB Cable			
43	Double anchoring clamp provided for supporting of LT AB Cable each turning point of LT AB Cable			
44	End cap of LT AB Cable provided			
45	Separate earthing of LT AB Cable provided at the starting and end pole			
46	LT AB cable crossing / touching to the premises / chhajja			
47	Tyco box properly fixed with steel strap			
48	LT AB cable sagging is proper			
49	Messenger wire earthing completed with clamp/IPC.			
50	Earth test result within Limit			