

PRE_IHI CHECK LIST FOR INSPECTION OF DTR (DSS)				F04(09.05.14) Eff.Date: 01.05.2023 R00	
Circle -		Division -		Sub Division -	
Section -		Name of Feeder:		Location of DTR:	
Date of Inspection -		Description of Work :		Permission no. Ref/no.:	
Sanctioned estimate no.:		BA Name :		BA Representative:	
TPWODL Representative:		DT Rating - _____KVA, New / Aug. of DTR			
S. No	Description	Observations		Remark	
		O.K.	Not O.K.		
1	Check dimension between DP poles is as per approved Drawing.				
2	Check dimension between 5 Nos of earth Pit as per approved Drawing.				
3	whether fabrication items are fitted as approved drawing.				
4	Whether appropriate size of nut bots are provided with washers & tightened properly .				
5	Provided concreting is as per Drawing.				
6	Whether muffing is provided as per approved drawing				
7	Whether appropriate Nos of stays are provided & tightened properly.				
8	Whether stay road is 300mm above the GL.				
9	Whether stay Insulator is provided				
10	Whether thimbles are provided for stays.				
11	Check barbed wire is wound properly on Stay wire (2 Mtr.)				
12	Check Line is properly connected with power channel by using Disc Insulators.				
13	Whether LA"s are fitted properly on power channel.				
14	Whether AB switch is fitted properly on Channel				
15	Whether appropriate rating HG fuses are fitted between horngaps properly.				
16	Check appropriate arching horns are fitted on T/F properly .				
17	Whether transformer is mounted on transformer seating channel				
18	Whether belting angle are provided & fitted properly.				
19	Check AB switch handle is at 1.2 M above GL				
20	Check Jumper are connected between line,LA,AB switch, HG fuse,Transformer HT side by using appropriate lugs/connectors.				
21	Whether Insulation provided to jumpers.				
22	Check appropriate clearance is maintained between jumps , fabricated items & equipments.				
23	Check wedge connector/PG Clamp are provided in line & LA jumpers.				
24	Whether appropriate rating cables are provided & connected with transformer LT side & LTDB by using lugs & glands by proper size of crimping tool.				
25	Check transformer neutral is connected with neutral bus bar in LTDB properly				
26	Whether breather is fitted properly.				
27	Check whether No. of Earth Pits are 5				
28	Check GI Earth flat connected to earthing pipe with proper nut bolt and give the appropriate distance to earth pipe above the GL.				
29	Check earthing provided to Neutral of transformer separately earthed in two different earth pits by providing proper insulation				
30	Whether earthing provided to LA is earthed to separate earth pit & proper insulation is provided to GI flat strip to keep its isolation from DP structure.				
31	Whether earthing is provided with all AB switch and its handle, Transformer body, Distribution box body, Horn Gap fuse.				
32	Check earthing provided to Pin insulators, Disc insulators, HT Stay Turn Buckle and Channels with Separate earth pit .				
33	Proper connection of conductor by PG clamp				
34	Fencing work is as per drawing				
35	Earthing provided to fencing on both side corner & Gate.				
36	Metal Spreading/Graveling				

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37	Danger board with appropriate voltage rating is provided on both DTR pole & on fencing with GI strip of 25 X 3 mm			
38	Bucket filled with clean & dry sand within Fencing is provided			
39	Check earthing provided to DP Poles .			
40	Whether Earth Resistance Records are available.			