

Rigger Checkpoints while preparing Model Sites



S.No.	Checkpoint
1	Weatherproofing of each GSM antenna in 03 Parts (1st wrap of Tape from Bottom to Top, 2nd Wrap of Weatherproofing from bottom to top from 2-3 cm below of 1st wrap, 3rd Wrap of Tape from bottom to top from 2-3 cm below of 2nd wrap)
2	Put Tie on bottom & Top of weatherproofing to ensure its long life
3	Check the condition & proper fixing of rubber boots (in case rubber boots installed on Jumpers)
4	In case Rubber boot is not proper, Weatherproofing to be done properly after removing rubber boot & then put the boot again on connector.
5	RF Antenna Height, Orientation, Tilt (Electrical & Mechanical) are as per GIS in each sector for all Antenna's.
6	Tightning of Clamp nut bolts of RF Antenna
7	Check the tightening of Pole mount as well
8	Check the condition of Tilt (Free from damage & working)
9	Weatherproofing of each MW Antenna in 03 Parts (1st wrap of Tape from Bottom to Top, 2nd Wrap of Weatherproofing from bottom to top from 2-3 cm below of 1st wrap, 3rd Wrap of Tape from bottom to top from 2-3 cm below of 2nd wrap)
10	Tightening of Clamp nut bolts of MW Antenna
11	Check the tightening of MW Pole mount as well
12	Check earthing of ODU (Presence & tightening)
13	Labeling & Marking on MW Antenna (Orientation, Far end detail)
14	Check the direction of ODU connector (Should be towards Ground) to avoid water seepage
15	Check the installation of support Rod as per standard practice & photo. Also, check the tightening of all nut & bolts. 01 support required for .9m Antenna & 2 support required for 1.2/1.8m MW Antenna
16	Check the IF Cable loop availability & its proper routing. Also check LAN & Power cable loop in case of IP20C ODU
17	Paint Marks at connecting point of Pole Mount & Antenna Clamp (Helpful during Link misaligned)
18	Availability of Lightning Arrestor (If not, mention the point in Infra Hygiene)
19	Cable routing from Top to bottom of tower (No sagging, mess of cables & loose cables on Tower)
20	In case of OD BTS Weatherproofing of each Jumper Feeder connection in 03 Parts (1st wrap of Tape from Bottom to Top, 2nd Wrap of Weatherproofing from bottom to top from 2-3 cm below of 1st wrap, 3rd Wrap of Tape from bottom to top from 2-3 cm below of 2nd wrap)
21	Earthing of Feeders near Horizontal OD ladder to be done & sealed properly.
22	Note all unused RF & MW Antennas along with size
23	DC junction box should be sealed properly & free from any type of water seepage
24	All free ports of RF module should be filled with IP seals/proper seal.
25	Check any blocking in front of RF/MW Antenna
26	GPS antenna & Connector tightening & positioning of GPS Antenna
27	GPS cable routing & is free from cut & damage

Hard copy to be given in Regional language to all riggers