

FULLY INSULATED MODULAR CANTILEVER SYSTEM



PPS International

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TATA STEEL

 WeAlsoMakeTomorrow



PPS International together with New Materials Business, Tata Steel Ltd has developed a fully insulated Modular Cantilever System, which does not require any insulator, Anti-Bird Disk, Compression Clamp etc, hence the short circuiting due to falling of foreign objects on the cantilevers is fully avoided.

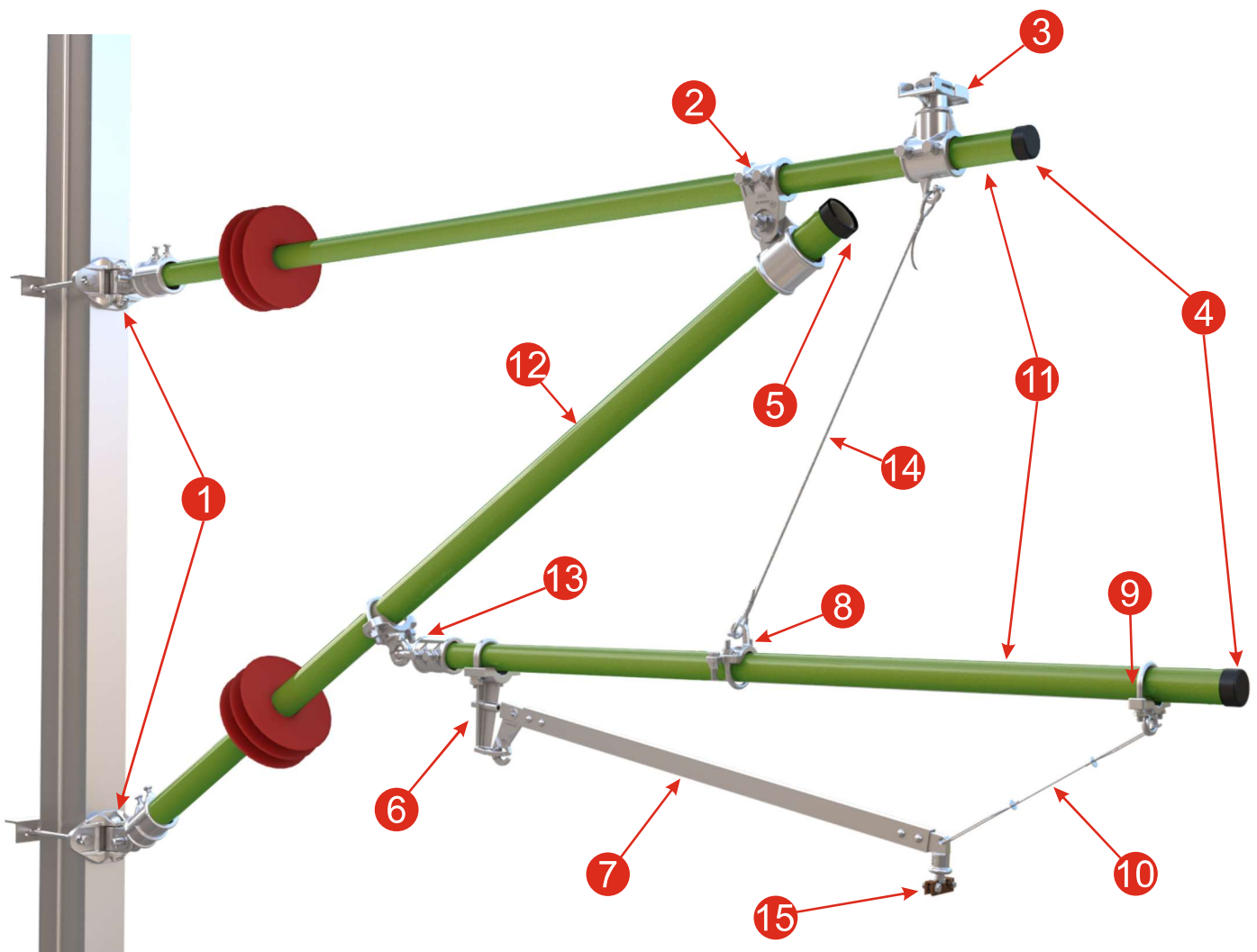
All the Tubes of Aluminium has been replaced with a high strength and sturdy FRP tubes, thereby increasing the creepage distance upto 3 mtrs.

The size of the FRP pipes have been kept same as the present aluminum pipe of MCS so that all the fittings can be used as it.

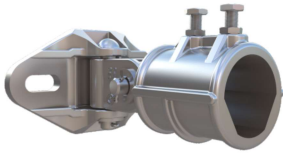
The present Aluminium tubes of MCS can be replaced by FRP tubes at a nominal cost to make the cantilevers fully insulated in which the insulators can be removed completely, which causes frequent failures due to puncture of insulators, claws of birds or by monkey bite etc.

Advantages of FRP Tubes over Aluminium Tubes

- Increased creepage distance
- Higher strength than aluminium material
- No rusting or corrosion, hence long life.
- Same OD as Aluminium pipes
- All fittings are same as present MCS.
- Fully type tested as per EN standards.



1



Mast Bracket Assembly

2



Double Tube Holder 55-70 Assembly

3



Catenary Wire Support D-55 Assembly with Bimetallic Sleeve

4



Plastic Cap Ø55

5



Plastic Cap Ø70

6



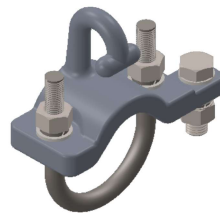
Steady Arm Bracket Assembly

7



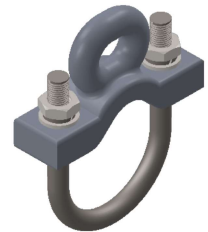
Steady Arm Straight

8



Hook Clip Assembly

9



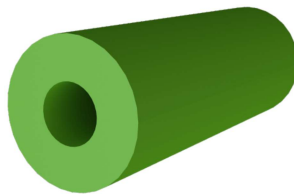
Eye Clamp for Windstay Assembly

10



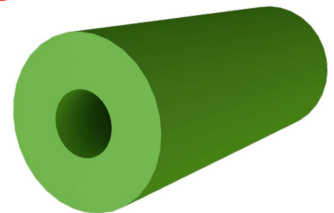
Windstay Rod

11



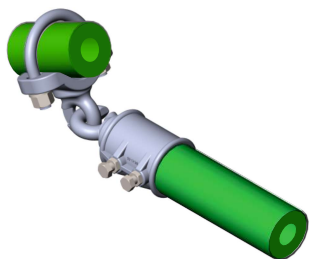
FRP Tubes Ø55

12



FRP Tubes Ø70

13



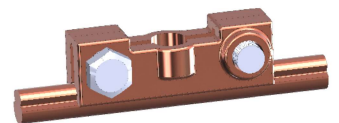
Hook and Eye Type Clamp Assembly

14



Registration Arm Dropper

15



Contact Wire Clip



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