

TECHNICAL SPECIFICATION M.S. CHANNEL, ANGLE AND FLAT ETC

1 Scope:

This specification covers manufacture, transport to site, insurance, storage, erection and commissioning of different type MS structures required to installation of the RMU & Distribution transformer structure suitable for Underground Distribution System.

2 Applicable Standards:

The mild steel shall conform to IS: 2062 grade 'a' modified up-to date or equivalent international standard for steel materials, documents for which shall be made available at the time of inspection to the owner's representative.

3 General Requirements:

Material shall be supplied as per the following sizes:

Channel ISA Angles and flats confirming (Not re-rolled) of grade "A" E250 (Fe-410WA) should be supplied confirming to IS 2062 / 2011 with latest amendment if any.

4 Galvanization:

All above steel members shall be fabricated as per approved drawing having smooth edge, drilled circular/elliptical holes of suitable measurements.

All structural steel members and bolts shall be galvanized as per IS:4759 and zinc coating shall not be less than 610gm/sq. meter for all structural steel members. All welds shall be 6mm filled weld unless specified otherwise. All nuts and bolt shall be of property class 5.6 of IS 1367. Plain washers shall be as per IS 2016 and spring washers shall be IS:3063.

5 Tests:

All tests will be carried out by representative of owner.

All tests and inspection shall be made at the place of manufacturer unless otherwise specially agreed upon by the manufacturer and the owner. The manufacturer shall provide all reasonable facilities, without charge to satisfy him that the material is being supplied in accordance with the specification.