

SCHEDULE OF TECHNICAL REQUIREMENTS FOR MANUFACTURE AND TESTING OF EARTH RETURN BRUSH

(A) M & P Requirements :-

Sl.No	Equipment	Remarks
1.	Cutting Machine	For cutting
2.	Drilling Machine	For stripping
3.	Shapping machine	For chipping
4.	Lathe machine	For machining
5.	Bending Machine	For bending
6.	Press Machine	For press
7.	Filing Machine	For filing
8.	Spray Painting Machine	For Painting

(B) Testing Equipment:

Sl.No	Equipment	Remarks
1	Vernier Calipers	For dimensional measurement
2	Digital MultiMate	For Multiple operation
3	Meggar	For Insulation Measuring Resistance
4	Measurement of electrical resistance of brush/Flexible connection.	
5.	Measurement of the pull strength of temped or moulded connection	

Material:-Source of carbon brush only RDSO's approved sources for earth return brush for Hs 15250 Tm or OEM i.e. M/s-shunk German only.

C. Quality Requirements:-

1. Input raw material-Metallurgical test is to be done sources of raw material to be specified.
2. Stage-wise inspection are to be done & check list for the same is to be made.
3. final inspection is to be done & check list for the same is to be made.
4. ISO certification.
5. NSIC/SSIC Registration certificated.
6. The schedule of technical requirements (hereafter called STR) specifies the requirements to be met by vendors (hereafter called firm) who manufacture, testing and supply of Earth Return brush for electric locomotives, this STR should be read in conjunction with the technical specification No-CLW/ES/3/17/C.with the alt-C. The firm should satisfy themselves having compelled with the requirements of the specification and this STR.

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