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RAIL COACH FACTORY, RAEBARELI
INDIAN RAILWAYS



SCHEDULE OF TECHNICAL REQUIREMENT
FOR
READY MADE SET OF ALUMINIUM FEEDER PIPE DIA 63 MM
USED FOR
FEEDER WIRING 750 VOLT FOR LWACCW, LWACCN, LWSCN & LS COACHES

S. No.	Details of Amendment	Revision '0'	Page No.	Reason for Amendment
1.	NIL	'0'	NIL	N/A

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SCHEDULE OF TECHNICAL REQUIREMENT FOR READY MADE SET OF ALUMINIUM FEEDER PIPE DIA 63 MM:

1.0 General

The Aluminium Pipe dia 63 mm is used as conduit for 750 V Feeder Cables running end to end and mounted on under frame of LHB AC & Non AC Coaches. There is a set of straight & Bend AL Pipes meant for this purpose, as per details given below. (Ref: see annexure ' A ' approved by CEE)

S.No.	Dia.	Length in mm	Qpc	Drg No.	User Stage	Bending
1.	63 mm	2071.6 mm	4 Nos.	3 10113.R.76.360.001	Elect. Stage- III	2D
2.	63 mm	1457.7 mm	2 Nos.	3 10113.R.76.360.002	Elect. Stage- III	2D
3.	63 mm	1744.2 mm	1 Nos.	3 10113.R.76.360.004	Elect. Stage- III	2D
4.	63 mm	1615.8 mm	1 Nos.	3 10113.R.76.360.005	Elect. Stage- III	2D
5.	63 mm	2928.0 mm	7 Nos.	-----	Elect. Stage- III	Straight
6.	63 mm	2500.0 mm	1 No.	-----	Elect. Stage- III	Straight
7.	63 mm	3458.0 mm	1 No.	-----	Elect. Stage- III	Straight
8.	63 mm	1970.0 mm	1 No.	-----	Elect. Stage- III	Straight

Note: Above drawings are meant for Aluminium Pipe dia 60 mm. The same may be used for Aluminium Pipe dia 63 mm for the purpose of Bending Angle.

2.0 Scope:

This specification covers the technical requirement of 'Supply of Readymade Set of Aluminum Feeder Pipe dia 63 mm' to be used for housing 750 Volt Feeder Wiring in LWACCW, LWACCN, LWSCN & LS Coaches in accordance with details tabulated above

3.0 Technical requirements: The supplied pipes should meet the technical requirement under this clause.

3.1 Raw material Specification:

S.No.	Description	Specification	Remarks
1	Aluminium Pipe 63mm x 3.15 mm [OD = 63 mm Thickness = 3.15 mm]	IS : 2673-1979	Firm shall procure raw material strictly as per IS Specification.

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