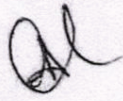


**COPPER DATA FOR CONTINUOUSLY TRANSPOSED NOMEX COVERED COPPER
CONDUCTOR (CTC) FOR 01 NO. 6531 KVA, 01 NO. 7775 KVA 3-PHASE DRIVE LOCO
TRANSFORMER AND 01 NO. 1276 KVA 3-PHASE DRIVE EMU/MEMU
TRANSFORMERS FOR INDIAN RAILWAYS**

Sl. No.	Bare Copper Size (mm)	Rad. Nomex Insul. (mm)	Enamel Grade	Max/ Min Covered size (mm)		No. Of Reels	Length per Reel (Mtr.)	Weight (KG)		Weight Per Reel (Kg)	Remark
								Bare	Covered		
1.	21//1.7 X 3.4	0.30	M	21.81/20.14	8.32/7.58	4	295	1194	1235.5	308.87	FOR 6531 KVA (TR & FL)
2.	13//1.8 X 4.0	0.30	M	14.83/13.72	9.52/8.78	1	95	75	77.5	77.5	FOR 6531 KVA (BUR)
3.	21//1.7 X 3.4	0.30	M	21.81/20.14	8.32/7.58	4	234	947	980	245	FOR 7775 KVA (TR)
4.	25//1.7 X 3.4	0.30	M	25.67/23.70	8.32/7.58	2	56	135	140	70	FOR 7775 KVA (FL)
5.	13//1.8 X 4.0	0.30	M	14.83/13.72	9.52/8.78	1	95	75	77.5	77.5	FOR 7775 KVA (BUR)
6.	25//1.55 X 3.35	0.25	M	23.62/21.64	8.12/7.37	2	91	202	216	108	FOR 7775 KVA (HL1 & HL2)
7.	19//1.8 X 3.6	0.30	M	20.89/19.36	8.72/7.98	1	130	134	138	138	FOR 6531/7775 KVA (SOD)
8.	7 // 2.0 x 9.2	0.15	Gr-I	18.65/19.46	8.39/9.14	2	107	240	244	123.5	FOR 1276 KVA (LV)

NOTE TO SUPPLIERS:

1. Conductor must confirm to CPS-AA28129/ Rev-04 and nominal value of 0.1% Proof stress shall be 135 Mpa with $\pm 10\%$ tolerance.
2. For conductor Sl.no. - 1-7, the insulation shall be enamel covering to CPS-AA28144/ Rev-03 and Aramid (Nomex) paper to CPS-AA22901/ Rev-05 in place of Kraft paper. Winding mould diameter shall be 330 mm.
3. For conductor Sl.no.-8, the insulation shall be dual enamel covering to IEC-60317-29 (Polyester or Polyesterimide over coated with polyamide-imide) and Nomex paper to CPS-AA22901/ Rev-03 in place of Kraft paper. Winding mould diameter shall be 199 mm.
4. Source Test certificate of Nomex paper to be supplied along with the supply.
5. Length of reel is very important and in no case it should be less than the specified.
6. Length of conductor and weight must be marked clearly on each drum.


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