



TRANSFORMER ENGINEERING DEPARTMENT

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CUSTOMER : M/s POWERGRID

			WO: 63230A52001, 63231A52001, 63249A52001, 64211A52001 & 64212A52001		WO: 64209A52001			WO: 63230A52001, 63231A52001, 63249A52001, 64211A52001 & 64212A52001			WO: 64209A52001		
			ITEM 1	ITEM 2	ITEM 3	ITEM 4	ITEM 5	ITEM 6	ITEM 7	ITEM 8	ITEM 9	ITEM 10	ITEM 11
1	CABLE SIZE	mm×mm	13//2.40 × 8.55	43//1.50 × 3.20	13//2.40 × 10.70	35//1.75 × 4.15	29//2.05 × 7.40	21//1.40 × 7.40	27//1.45 × 6.80		19//1.55 × 7.55	25//1.50 × 7.25	
2	RADIAL PAPER	mm	0.5	0.5	0.5	0.5	1.05	0.7	1.04		0.7	1.04	
3	GRADE OF ENAMEL	--	F & EPOXY COATED	F & EPOXY COATED	F & EPOXY COATED	F & EPOXY COATED	F & EPOXY COATED	F & EPOXY COATED	F & EPOXY COATED		F & EPOXY COATED	F & EPOXY COATED	
4	0.2% PROOF STRESS (Tol.: -0%, +20%)	MPa	180	180	180	180	180	180	180		180	180	
5	MAX. COVERED SIZE												
	i) RADIAL	mm	19.32	37.99	19.32	35.51	35.63	18.70	24.81		18.65	23.87	
	ii) AXIAL	mm	18.64	7.94	22.94	9.84	17.44	16.74	16.22		17.04	17.12	
6	MIN. COVERED SIZE												
	i) RADIAL	mm	18.67	36.79	18.67	34.86	34.78	18.20	24.16		18.15	23.22	
	ii) AXIAL	mm	18.39	7.69	22.69	9.59	17.19	16.49	15.97		16.79	16.87	
7	NO. OF DRUMS		4	4	4	4	6	2	2	2	2	2	2
8	LENGTH PER DRUM	m	90.5	175.5	87.0	167.5	124.0	2813.0	1897.0	1664.5	2878.5	1830.5	1726.5
9	TOTAL BARE WEIGHT	Kg	835.5	1229.5	1011.0	1439.5	2841.5	10650.5	8779.0	7703.0	11166.5	8670.0	8177.0
10	TOTAL COVERED WEIGHT	Kg	864.5	1290	1043.0	1500.5	2958.5	11195.0	9301.5	8161.5	11719.0	9173.0	8651.5
11	COVERED WEIGHT PER DRUM	Kg	216.1	322.5	260.8	375.1	493.1	5597.5	4650.8	4080.8	5859.5	4586.5	4325.75
12	MIN. WINDING DIAMETER	mm	1360	1360	1450	1450	1602	1590	2212		1680	2300	
13	CROSS SECTION AREA OF SINGLE STRAND	mm ²	19.97	4.58	25.13	6.9025	14.81	10.14	9.64		11.4825	10.655	

REV	DATE	ALT CKD	REV	DATE	ALT CKD	REV	DATE	ALT CKD	REV 00	NAME	SIGN	DATE
									PREP	PP		31.08.2024
									CKD	SS		31.08.2024
DWI/TCB/TRE/010												

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