

	POWER TRANSFORMERS AND REACTORS (IEC) - ELECTRICAL DATA SHEET	JOB NO. _____ ITEM / TAG NO. _____ PAGE 1 OF 4				
	DATA SHEET NO: DS 12-051	NO.	DATE	REVISION	BY	APVD
FOR/USER _____						
SITE/LOCATION _____						
TRANSFORMER VENDOR _____						
Applicable To: ☒ Proposal ☒ Purchase ☒ As built ☐ INDICATES INFO. TO BE COMPLETED BY PURCHASER ☐ BY MANUFACTURER WITH PROPOSAL ☐ BY MANUFACTURER AFTER ORDER ☐ BY MANUFACTURER OR PURCHASER AS APPLICABLE						
TRANSFORMER / REACTOR DATA						
1	☐ SERVICE CONDITIONS: if exceeding IEC 60076-1 or IEC 60076-11	☐ ALTITUDE _____ m ☐ MAX AIR TEMPERATURE _____ °C ☐ MIN AIR TEMPERATURE _____ °C ☐ AVERAGE DAILY AIR TEMPERATURE _____ °C ☐ AVERAGE ANNUAL AIR TEMP _____ °C ☐ COOLING WATER INLET TEMP _____ °C ☐ SUPPLY VOLTAGE SYMMETRY _____ ☐ HARMONIC CONTENT _____ %				
2	☐ EQUIPMENT DESCRIPTION	☐ SERIES REACTOR ☐ EARTHING TRANSFORMER ☐ AUTO TRANSFORMER ☐ POWER TRANSFORMER				
3	☐ DUTY	☐ DISTRIBUTION ☐ UNIT GENERATOR ☐ UNIT MOTOR				
4	☐ TYPE	☐ LIQUID-IMMERSED SEALED ☐ LIQUID-IMMERSED CONSERVATOR ☐ DRY TYPE ENCAPSULATED ☐ DRY TYPE NON - ENCAPSULATED				
5	☐ INSULATING OIL	☐ MINERAL OIL ☐ SYNTHETIC LIQUID ☐ OTHER				
6	☐ LOCATION & INGRESS PROTECTION	☐ OUTDOOR IP55 ☐ INDOOR IP23				
7	☐ MAXIMUM RELATIVE HUMIDITY	☐ _____ % @ _____ °C				
8	☐ TYPE OF COOLING TO IEC 60076-2 OR IEC 60076-11	☐ _____				

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TRANSFORMER / REACTOR DATA								
24	☐ MAIN EXTERNAL TERMINATION DETAILS		☐ PRIMARY EXPOSED BUSHINGS BUSDUCT CABLE BOX		☐ SECONDARY EXPOSED BUSHINGS BUSDUCT CABLE BOX		☐ TERTIARY EXPOSED BUSHINGS BUSDUCT CABLE BOX	
25	☐ CABLE BOX TYPE							
26	☐ BUS DUCT TYPE		Cu Al		Cu Al		Cu Al	
27	☐ CONDUCTOR MATERIAL							
28	☐ CONDUCTOR SIZE							
29	☐ NUMBER OF CABLES & TYPE							
30	☐ CABLE STANDARD							
31	☐ CABLE RATING		V		V		V	
32	☐ NUMBER OF CORES/CABLE							
33	☐ NUMBER OF CORES/PHASE							
34	☐ TAP CHANGER REQUIRED		YES NO		YES NO		YES NO	
35	☐ TAP CHANGER TYPE		OFF CIRCUIT		OFF CIRCUIT		OFF CIRCUIT	
			ON LOAD		ON LOAD		ON LOAD	
			LINKS		LINKS		LINKS	
36	☐ TAPPINGS REQUIRED		- %		- %		- %	
			+ %		+ %		+ %	
37	☐ WINDING CONNECTION OR SYMBOL TO IEC 60076-1							
38	☐ RATED VOLTAGE RATIO AT PRINCIPAL TAP & NO LOAD		PRIMARY/SECONDARY		PRIMARY/TERTIARY			