



TRANSFORMER ROUTINE TEST REPORT

Transformer Design: 51050				Serial No: 207110-01-01 1			
Drawing Reference: A73148							
SPECIFICATION							
kVA	15	Phases	3	Hz	60	Temp.Rise	115°C
High Voltage	480	Material	CU	Connection	DELTA	10 kV	BIL
Low Voltage	400Y/231	Material	CU	Connection	WYE	10 kV	BIL
Taps (2) FCAN - (2) FCBN @ 2.5 %							
TEST RESULTS							
				AMB.		22°C	
Turns Ratios							
Tap Position	Calc.Ratio	Measured Value					
		Phase A	Phase B	Phase C			
1	2.1764	2.1765	2.1766	2.1766			
2	2.1260	2.1277	2.1261	2.1263			
3	2.0756	2.0760	2.0759	2.0760			
4	2.0252	2.0256	2.0254	2.0256			
5	1.9748	1.9753	1.9749	1.9752			
No-Load Losses and Excitation Current							
Excitation Voltage		480 Volts		No-Load Losses		96 Watts	
Excitation Current		0.39 Amps					
Dielectric Tests							
Applied Voltage for 60 seconds				HV - LV & Ground		4 kV	
				LV - Ground		4 kV	
Induced Voltage at 400Hz for 7200 cycles (18 seconds)						960 Volts	
Tested by <i>Matt Beyer</i>				Date <i>6/11/2018</i>			

CERTIFIED
By <i>Briget Meinen QA Manager</i>
Date <i>6/11/2018</i>

Final Inspection	
Dimensions to print	PASS
Fit/Finish/Aesthetics	PASS
Identification/Markings	PASS