



TRANSFORMER ROUTINE TEST REPORT

Transformer Design: 50559			Serial No: 208478-01-01 1		
Drawing Reference: A73735					
SPECIFICATION					
kVA	30	Phases	3	Hz	60
				Temp.Rise	115°C
High Voltage	480	Material	CU	Connection	DELTA
Low Voltage	208Y/120	Material	CU	Connection	WYE
Taps (2) FCAN - (2) FCBN @ 2.5 %					
TEST RESULTS					
			AMB.		18°C
Turns Ratios					
Tap Position	Calc.Ratio	Measured Value			
		Phase A	Phase B	Phase C	
1	4.2000	4.2000	4.1999	4.2001	
2	4.1000	4.1005	4.1003	4.1001	
3	4.0000	4.0003	4.0000	4.0002	
4	3.9000	3.9005	3.9000	3.9002	
5	3.8000	3.8002	3.8001	3.8003	
No-Load Losses and Excitation Current					
Excitation Voltage		480 Volts	No-Load Losses		115 Watts
Excitation Current		0.52 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>3/5/2019</i>		

CERTIFIED
By <i>Briget Meinen QA Manager</i>
Date <i>3/5/2019</i>

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