

OLSUN ELECTRICS CORPORATION

TRANSFORMER ROUTINE TEST REPORT # 33248

Transformer Design No:	A69299	Serial No:	200135-05-01
	43550-AE		

SPECIFICATION					
kVA	1500	Phases	3	Hz	60
Temp. Rise	150°C				
High Voltage	4160	Connection	DELTA	BIL	30 kV
Low Voltage	208Y/120	Connection	WYE	BIL	10 kV
Taps	(2) FCAN - (2) FCBN @ 2.5 %				

TEST RESULTS					
Winding Resistances (Ohms) at 25°C					
H1 - H2	0.09830	X0 - X1	0.000101		
H1 - H3	0.09880	X0 - X2	0.000101		
H2 - H3	0.09910	X0 - X3	0.000105		
Turns Ratios					
Tap Position	Calc. Ratio	Measured Value			
		Phase A	Phase B	Phase C	
1 - 2	36.375	36.385	36.38	36.398	
2 - 3	35.5	35.512	35.506	35.518	
1 - 4	34.625	34.64	34.628	34.64	
3 - 4	33.75	33.764	33.752	33.764	
4 - 5	32.875	32.884	32.877	32.886	

Polarity & Phase Relation

No-Load Losses and Excitation Current

Excitation Voltage	208Y/120 Volts	No-Load Losses	1650 Watts
Excitation Current	7.03 Amps		

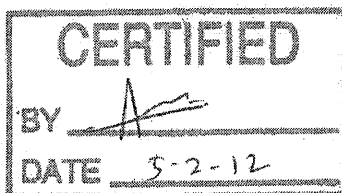
Impedance Voltage and Load Loss

Voltage	262.4 Volts	Load Losses at 170°C	26300 Watts
Current	208.1 Amps	Impedance % at 170°C	6.31 %

Dielectric Tests

Applied Voltage for 60 seconds		HV - LV & Ground	12 kV
		LV - Ground	4 kV
Induced Voltage at 400Hz for 7200 cycles (18 seconds)			416 Volts
Partial Discharge Measurement	Terminal	Voltage	pC
	H1	N/A	
	H2	N/A	
	H3	N/A	

Tested by	Date	5/2/2012
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