



PACIFIC CREST
TRANSFORMERS

Customer Name: _____ Serial Number: FMD-0192
 Sales Order Number: L1245 P/N: L0412451 Date of Test: 4/5/2007
 Purchase Order Number: _____ A-26162 Transformer Type: PADMOUNT
 Customer Order Number: _____ KVA: 875 Temperature Rise: 85
 High Voltage: 25000 DELTA BIL: 150 Low Voltage: 690Y/398 BIL: 45
 Conductor Type: ALUMINUM Conductor Type: ALUMINUM
 Fluid Type: Oil Type II Cooling: ONAN Phase: Three Hertz: 60 Tested By: MD

Resistance, losses, impedance, and regulation corrected to 85 degrees Celsius and are based on wattmeter measurements unless otherwise stated. Resistance for three phase transformers is the sum of all three phases in series.

Resistance (Ohms)		% Exc.	No Load	Winding	Total	% IZ	% IR	% IX	X/R
H.V.	LV.	Amps	Watts	Watts	Watts				
13.79562	0.00498	0.4057	2580	19174	21754	6.2974	2.1913	5.9038	2.6942

Regulation @ Power Factor		Insulation Power Factor			Transformer Efficiency at given loading				
100%	80%	H-GND	H-L	L-GND	125%	100%	75%	50%	25%
2.36560	5.35343	0.428	E.S.SHIELD	0.516	97.02496	97.51382	97.96336	98.31463	98.27274

Applied Potential Test

Windings	Applied Test Voltage	Duration of Test
H.V.	50 KV	60 Sec.
L.V.	15 KV	60 Sec.

Induced Potential Test
2 times normal voltage across full winding at 180 Hertz for 7200 Cycles.

Pressure Test	HV - LV Angular Displacement
PSI	Duration
7 POUNDS	12 HOURS
	Dy1

Ratio Test Results

Tap Voltage	Phase A	Phase B	Phase C	Calc. Ratio
26250	65.8350	65.8830	65.7460	65.955
25625	64.3230	64.3010	64.1670	64.384
25000	62.7450	62.7200	62.5980	62.814
24375	61.1710	61.1500	61.0250	61.244
23750	59.5860	59.5750	59.4590	59.673

This transformer contained a non-detectable level of polychlorinated biphenyls (PCB's) at the time of manufacture. Pacific Crest certifies this to be a true report based on factory tests made, and that all tests are conducted in accordance with applicable ANSI and NEMA Standards. Pacific Crest is an ISO 9001 registered company. All test equipment is calibrated and traceable to the National Institute of Standards and Technology.