

TRANSFORMER DATA SHEET

DATE : 10/25/2006
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #31
 MANUFACTURER : Howard Industries
 TRANSFORMER TYPE : Oil Filled CLASS : OA
 S/N : 483653806
 THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 13,200 - 480Y/277 LV WINDING: ALUMINUM
 KVA RATING: 2,000 Continuous, Self Cooled HV WINDING: ALUMINUM
 Continuous, Forced Air LV: 65 °C rise, BIL: 60 kV
 HV: 65 °C rise, BIL: 95 kV

NAMEPLATE DATA

Core & Coils	
Case & Fittings	
Oil in Gallons	461
Weight in Pounds	11,115

Impedance volts : 5.50 % at rated volts at : 2,000 KVA

TRANSFORMER TEST DATA

MEGGER TEST RESULTS

	1 Minute			POLARIZATION INDEX	CAPACITANCE in MICRO-FARAD	
High-> Ground	47.60k	M-Ohms, @	5	kV DC	1.79	0.01
Low -> Ground	10.04k	M-Ohms, @	1	kV DC	1.94	0.01
High-> Low	62.30k	M-Ohms, @	1	kV DC	1.99	0.01

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
14,400	51.986	52.007	52.009	52.007
13,800	49.819	49.842	49.841	49.827
13,200	47.653	47.619	47.603	47.603
12,470	45.018	45.004	45.006	45.006
12,000	43.321	43.339	43.339	43.339

COMMENTS

Tag 10967