

TRANSFORMER DATA SHEET

DATE : 12/20/2006
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #5
 MANUFACTURER : Howard
 TRANSFORMER TYPE : Pad Mount CLASS : OA
 S/N : 5808174706
 THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 13200x4800-480Y/277 LV WINDING: ALUMINUM
 KVA RATING: 1000 Continuous, Self Cooled HV WINDING: ALUMINUM
 Continuous, Forced Air LV: 65 °C rise, BIL: 30 kV
 HV: 65 °C rise, BIL: 95 kV

NAMEPLATE DATA

Core & Coils	2951
Case & Fittings	
Oil in Gallons	330
Weight in Pounds	7385

Impedance volts : 5.7 % at rated volts at : 1000 KVA

TRANSFORMER TEST DATA

MEGGER TEST RESULTS

	1 Minute			POLARIZATION INDEX	CAPACITANCE in MICRO-FARAD	
High-> Ground	60k	M-Ohms, @	5	kV DC	1.98	0.02
Low -> Ground	58k	M-Ohms, @	1	kV DC	1.99	0.02
High-> Low	57k	M-Ohms, @	1	kV DC	1.62	0.02

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
14400	51.986	51.9864	51.9867	51.9862
13800	49.819	49.8194	49.8198	49.5197
13200	47.653	47.6542	47.6547	47.6542
12800	46.209	46.2091	46.2097	46.2098
12470	45.018	45.0194	45.0197	45.0198
4800	17.328	17.3290	17.3290	17.3284

COMMENTS

Tag #10973