

TRANSFORMER DATA SHEET

DATE : 8/4/2006  
 CUSTOMER : HVES  
 CIRCUIT/LOCATION : HVES #33  
 MANUFACTURER : Howard Industries  
 TRANSFORMER TYPE : Pad Mount CLASS : ONAN  
 S/N : 3413102406  
 THREE PHASE  SINGLE PHASE  : 60 HERTZ

VOLTAGE RATING: 13200Y/7620-480Y/277 LV WINDING: ALUMINUM  
 KVA RATING: 2500 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	5789
Case & Fittings	3434
Oil in Gallons	563
Weight in Pounds	13446

Impedance volts : 5.9 % at rated volts at : 2500 KVA

**TRANSFORMER TEST DATA**

MEGGER TEST RESULTS

	1 Minute			POLARIZATION INDEX	CAPACITANCE in MICRO-FARAD
High-> Ground	25k	M-Ohms, @	5	kV DC	
Low -> Ground	15k	M-Ohms, @	1	kV DC	
High-> Low	30k	M-Ohms, @	5	kV DC	

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
14400	30.0108	30.002	30.002	30.002
13800	28.7942	28.802	28.801	28.802
13200	27.5090	27.501	27.501	27.502
12470	26.0217	26.001	26.002	26.002
12000	25.0397	25.002	25.000	25.002

COMMENTS

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