

TRANSFORMER DATA SHEET

DATE : 3/16/2006
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #20
 MANUFACTURER : Howard Industries
 TRANSFORMER TYPE : Pad-mount CLASS : ONAN
 S/N : 5777765005
 THREE PHASE SINGLE PHASE : HERTZ

VOLTAGE RATING: 13200-480Y277 LV WINDING: ALUMINUM
 KVA RATING: 2500 Continuous, Self Cooled HV WINDING: ALUMINUM
 Continuous, Forced Air LV: 65 °C rise, BIL: 30kV
 HV: 65 °C rise, BIL: 95kV

NAMEPLATE DATA

Core & Coils	6245
Case & Fittings	3092
Oil in Gallons	475
Weight in Pounds	12900

Impedance volts : 5.3 % at rated volts at : 2500 KVA

TRANSFORMER TEST DATA

MEGGER TEST RESULTS

	1 Minute			
High-> Ground	85k	M-Ohms, @	5	kV DC
Low -> Ground	45k	M-Ohms, @	1	kV DC
High-> Low	90k	M-Ohms, @	5	kV DC

POLARIZATION

INDEX

CAPACITANCE in

MICRO-FARAD

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
14400	51.986	51.992	51.999	51.995
13800	49.819	49.770	49.776	49.771
13200	47.653	47.659	47.664	47.660
12835	46.336	46.326	46.331	46.327
12470	45.018	44.992	44.999	44.994

COMMENTS