

TRANSFORMER DATA SHEET

DATE : 04/25/2012
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #88A
 MANUFACTURER : Rex Manufacturing
 TRANSFORMER TYPE : Dry CLASS : AA
 S/N : 0017428183A6

THREE PHASE SINGLE PHASE : 60 HERTZ
 VOLTAGE RATING: 480 Delta - 208Y/120
 KVA RATING: 75 Continuous, Self Cooled
 75 Continuous, Forced Air

LV WINDING: COPPER
 HV WINDING: COPPER
 LV: 115°C rise, BIL: 10kV
 HV: 115°C rise, BIL: 30kV

NAMEPLATE DATA

Core & Coils	
Case & Fittings	
Oil in Gallons	
Weight in Pounds	950

Fluid Type : N/A

Impedance volts : 3.5 % at rated volts at : 75 KVA

MEGGER TEST RESULTS

TRANSFORMER TEST DATA

	1 Minute			POLARIZATION INDEX	CAPACITANCE	
High-> Ground	4.5k	M-Ohms, @	1	kV DC	1.2	0.02 micro-farad
Low -> Ground	3k	M-Ohms, @	1	kV DC	1.4	0.02 micro-farad
High-> Low	5k	M-Ohms, @	1	kV DC	1.5	0.02 micro-farad

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
528	4.400	4.401	4.399	4.398
516	4.300	4.302	4.297	4.298
504	4.200	4.200	4.199	4.498
492	4.100	4.091	4.102	4.101
480	4.000	4.002	3.997	3.994
468	3.900	3.902	3.901	3.902
456	3.800	3.807	3.802	3.801

COMMENTS

Tag 11478
 Big shed first main aisle.