

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

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TEST REPORT

SHEET : 1 OF 1

NAME & ADDRESS OF CUSTOMER WESTERN TRANSFORMERS PLOT NO.101/B/7,G.I.D.C.ESTATE, ROAD NO.2,RANOLI-391 350 DIST.VADODARA	REPORT NO. : PHV/03/1515-2A DATE : 30.12.2007																							
	CUSTOMER REF. NO.	DATE																						
	NIL	11.12.2007																						
	DATE OF SAMPLE RECEIPT	DATE OF TESTING																						
	11.12.2007	19.12.2007																						
SAMPLE DESCRIPTION OIL COOLED DIST. TRANSFORMER MFD. BY : Western Transformers RATING : 10 kVA VOLTS : 11000/433 Volts (at no-load) CURRENT : 0.525/13.33 Amps. PHASES : 3 FREQUENCY : 50 Hz VECTOR GROUP: Dyn 11 WINDING :Aluminium. % IMPEDANCE : 4.5 % TEMP. RISE IN OIL/WINDING : 35°C /40°C	SAMPLE IDENTIFICATION ERDA ID. NO. : HIMPWO 0055746/02 MFG.SERIAL NO. : PROTO-1 COOLING : ONAN MFG.YEAR : 2007 CUSTOMER : MADHYA GUJARAT VIJ COMPANY LTD.																							
TEST DETAILS MAGNETIC BALANCE TEST	TEST SPECIFICATION As per Customer's req.																							
REMARKS : The above mentioned Test carried out as per above mentioned specification and results are as below.																								
TEST RESULTS: MAGNETIC BALANCE TEST (As per Customer's requirements) Tested with 100 volts (on L.V side)																								
<table border="1"><thead><tr><th>Voltage Applied Between</th><th>Applied Voltage (Volts)</th><th>Measured Voltage Between</th><th>Measured Voltage (Volts)</th></tr></thead><tbody><tr><td rowspan="2">2u and 2n</td><td rowspan="2">100</td><td>2v and 2n</td><td>78</td></tr><tr><td>2w and 2n</td><td>22</td></tr><tr><td rowspan="2">2v and 2n</td><td rowspan="2">100</td><td>2u and 2n</td><td>51</td></tr><tr><td>2w and 2n</td><td>49</td></tr><tr><td rowspan="2">2w and 2n</td><td rowspan="2">100</td><td>2u and 2n</td><td>23</td></tr><tr><td>2v and 2n</td><td>77</td></tr></tbody></table>	Voltage Applied Between	Applied Voltage (Volts)	Measured Voltage Between	Measured Voltage (Volts)	2u and 2n	100	2v and 2n	78	2w and 2n	22	2v and 2n	100	2u and 2n	51	2w and 2n	49	2w and 2n	100	2u and 2n	23	2v and 2n	77		
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PREPARED BY <i>Chetan</i>	CHECKED BY <i>Rajan</i>	APPROVED BY <i>Bhagy</i>																						
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