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TEST REPORT

SHEET: 1 OF 1

NAME & ADDRESS OF CUSTOMER DIAMOND POWER TRANSFORMERS LIMITED. PLOT NO.-101/B/7,ROAD NO.2, G.I.D.C. ESTATE, VILLAGE RANOLI-391 350 DIST.:VADODARA	REPORT NO. : HCCT/03/326-2 DATE : 24.06.2009																							
	CUSTOMER REF. NO.	DATE																						
	DPTL/RNL/ERDA/204	01.06.2009																						
	DATE OF SAMPLE RECEIPT	DATE OF TESTING																						
	26.05.2009	11.06.2009																						
SAMPLE DESCRIPTION OIL COOLED DIST. TRANSFORMER MFD. BY : Diamond Power Transformers Limited. RATING : 500 kVA VOLTS : 11000/433 Volts CURRENT : 26.24/666.70 Amps. %IMPEDANCE : 4.75 % PHASE : 3 WINDING : Copper FREQUENCY : 50 Hz VECTOR GROUP : Dyn 11 GAUR. MAX. TEMP. RISE IN OIL/WINDING : 35°C/40°C	SAMPLE IDENTIFICATION ERDA IDENT. NO.: HCCTWO 0071925 SERIAL NO.: E 173 DPTL-21 COOLING : ONAN YEAR OF MFG. : 2009 CUSTOMER: UTTAR GUJARAT VIJ COMPANY LTD.																							
	TEST DETAILS MAGNETIC BALANCE TEST	TEST SPECIFICATION As per CBIP Manual of Transformer.																						
REMARKS : The above mentioned test was carried out as per above mentioned specification and results are as below.																								
TEST RESULTS: MAGNETIC BALANCE TEST (As per CBIP Manual of Transformer.) Tested with 100 volts (on LV 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 & 2n</td><td rowspan="2">100.5</td><td>2v & 2n</td><td>76.2</td></tr><tr><td>2w & 2n</td><td>24.1</td></tr><tr><td rowspan="2">2v & 2n</td><td rowspan="2">100.0</td><td>2u & 2n</td><td>52.0</td></tr><tr><td>2w & 2n</td><td>47.9</td></tr><tr><td rowspan="2">2w & 2n</td><td rowspan="2">100.1</td><td>2u & 2n</td><td>25.8</td></tr><tr><td>2v & 2n</td><td>74.3</td></tr></tbody></table>	Voltage Applied Between	Applied Voltage (Volts)	Measured Voltage Between	Measured voltage (Volts)	2u & 2n	100.5	2v & 2n	76.2	2w & 2n	24.1	2v & 2n	100.0	2u & 2n	52.0	2w & 2n	47.9	2w & 2n	100.1	2u & 2n	25.8	2v & 2n	74.3		
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PREPARED BY 	CHECKED BY 	APPROVED BY 																						
Note : 1. This report relates only to the particular sample received in good condition for testing at E.R.D.A. 2. This report cannot be reproduced in part under any circumstances. 3. Publication of this report requires prior permission in writing from Director, E.R.D.A. 4. Only the Tests for by the party has been carried out.																								

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