

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, India.




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TEST REPORT		SHEET 1 OF 2
NAME & ADDRESS OF CUSTOMER Rajasthan Powergen Transformer Pvt. Ltd. Khasra No.911-914, Karola-Bhinmal Road, Karola, Sanchoe, Rajasthan -343041,	REPORT No. DATE	RP-1718-052184 20-01-2018
	CUSTOMER REF. No.	NP/ERDA/TT/39/ 2017-18
	DATED	29-11-2017
	DATE OF SAMPLE RECEIPT	DATES OF TESTING
	05-12-2017	17-01-2018
SAMPLE DESCRIPTION	SAMPLE IDENTIFICATION	
500 kVA, 11/0.433 kV, 3 Phase Distribution Transformer, Energy Efficiency Level-2, Sr. No.: RPTPL/500kVA/2017-18/001, DRG. No.: RPTPL/500kVA/003, Type: Outdoor oil cooled, Make: Rajasthan Powergen Transformer Pvt. Ltd.	ERDA SAMPLE CODE No.: ERDA-00229816	
Sr. No.	TEST DETAILS	TEST SPECIFICATION
1.	Paint Adhesion Test	IS 1180 (Part 1): 2014 with Amendment No. 1 & 2
REMARKS: 1) Requirement is not mentioned in the specification, hence remark for conformity is not given in test report. 2) Photograph of sample is on SHEET 2 OF 2.		
 PREPARED BY	 CHECKED BY	 (S. M. Fainikar) APPROVED BY
Note:	1. This report relates only to the particular sample received for testing in good condition at ERDA, Vadodara. 2. This report cannot be reproduced in part under any circumstances. 3. Publication of this report requires prior permission in writing from Director, ERDA. 4. Only the tests asked for by the customer have been carried out. 5. In case of any dispute, Vadodara will be the exclusive jurisdiction & shall be construed as where the cause has raised.	
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SHEET 2 OF 2

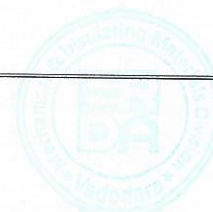
Sr. No.	Particular of Tests and Cl. No.	Requirements as per specification	Obtained value	Remarks
1.	Paint Adhesion Test at 41°C & 22 % RH Test Method A – X-cut tape test (Test procedure followed as per ASTM D 3359-2017, Cl. No. 8) Cl. No. 21.4.d of IS 1180 (Part 1): 2014 - Adhesion strength of pressure sensitive tape 6.7 N/cm.	--	Observation 1-5A – No peeling or removal was observed at the location. Observation 2-5A – No peeling or removal was observed at the location. Observation 3-5A – No peeling or removal was observed at the location.	--




PREPARED BY


CHECKED BY

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DISTRIBUTION TRANSFORMER

RAJASTHAN POWERGEN TRANSFORMER PVT. LTD
KAROLA-BHINMAL ROAD, KAROLA, SANCHORE
RAJASTHAN (INDIA)

IS:1160(Part 1)
CML-84-00239 115

3 PHASE TRANSFORMER		ENERGY LEVEL 2	
STANDARD 500KVA-1/2014		MAX TOTAL LOSS W 1510	
KVA 500		MAX TOTAL LOSS W 4300	
VOLTS AT HV 11000		TYPE OF COOLING ONAN	
NO LOAD LV 433		TEMP RISE { OIL 40° C	
BIL HV 185/AC28		WDG. 45° C	
LV LI-/AC3		MASS OF OIL(KG) 400	
AMPERES HV 28.25		TOTAL MASS (KG) 2330	
LV 666.7		VOLUME OF OIL LTRS 480	
FREQUENCY HZ 50		VECTOR GROUP Dyn11	
MONTH&YEAR OF MFG 2017		IMPEDANCE VOLT % 4.5	
TAPPING NA		S.N.O	
CUSTOMER		ORDER NO.	

MADE IN INDIA

Test Report No. RP-17/18-052184
 Date 20-01-2018
 Product 500 KVA D-T
 Verified By ASD

RAJASTHAN POWERGEN TRANSFORMER PVT. LTD
 KAROLA-BHINMAL ROAD, KAROLA, SANCHORE
 RAJASTHAN - 343041

**TITLE: - NAME PLATE DRAWING OF 500KVA,11/0.433KV
 COPPER WOUND ENERGY EFFICIENCY LEVEL-2 TRANSFORMER**

CUSTOMER	---
T.S.No.	RPTPL/17-18/500KVA/001
SCALE	N T S
DRG. No.	RPTPL/500KVA/003