

# ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

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

EPABX: +91 (0265) 2642942, 2642964, 2642377, 3043128 / 29 / 30 / 31 / 33,

Fax : +91 (0265) 2638382,

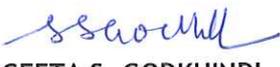
E-mail : erda@erda.org

Web : http://www.erda.org



Sheet 1 of 5

## TEST REPORT

<b>NAME &amp; ADDRESS OF CUSTOMER :</b>  Rajasthan Powergen Transformer Pvt. Ltd. Khasra No. 911-914, Karola-Bhinmal Road, Karola, Sanchore, - 343041 Rajasthan India	<b>REPORT No. :</b> RP-1718-050903
	<b>DATE :</b> 13-January-2018
	<b>CUSTOMER REF. No. &amp; DATE :</b> 1] Letter Ref. No.: NP/ERDA/TT/39/2017-18; Dated: 29/11/2017. 2] Letter, Dated: 08/01/2018.
	<b>DATE OF SAMPLE RECEIPT :</b> 05-December-2017
	<b>START DATE OF TESTING :</b> 11-January-2018 <b>END DATE OF TESTING :</b> 11-January-2018
<b>SAMPLE DESCRIPTION :</b> 315 kVA, 11/0.433 kV, E.E.L-2, Distribution Transformer [1 No.] Details as mentioned in customer's letter:  Specification as per sheet 2 of 5.	<b>SAMPLE IDENTIFICATION :</b> Sr No. : RPTPL/315 KVA/2017-18/001  ERDA SAMPLE CODE No.: ERDA-00229815
<b>TEST DETAILS</b>	<b>TEST SPECIFICATION</b>
1] Coating Thickness Measurement	IS 1180 (Part 1):2014 Clause No. 15.5 & As per ERDA Test Procedure No. MMET/019
<b>ENCLOSURE</b> Photograph of sample in as received condition & Transformer Name Plate.	
<b>REMARKS :</b> 1] Sample was tested in as received condition. 2] Requirement as mentioned in the specification. Sample conforms to the requirement. 3] '#' The result obtained is an average of twelve readings at different locations. 4] Testing was carried out at $29 \pm 1$ °C.	
 PREPARED BY	 CHECKED BY
 SANGEETA S. GODKHINDI APPROVED BY	
<b>NOTE :</b> 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 arised. <b>Caution :</b> ERDA is not responsible for the authenticity of photocopied or reproduced test reports. ERDA provides support to customers for verification of the authenticity of test reports issued by ERDA.	

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Sheet 2 of 5

Test Report No. : RP-1718-050903

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## SAMPLE DESCRIPTION :

315 kVA, 11/0.433 kV, E.E.L-2, Distribution Transformer [1 No.] Details as mentioned in customer's letter:

## SPECIFICATION

Inside Paint Type of Tank: Hot Oil Resistant Paint 01 Coat; Outside Paint Type of Tank: Epoxy (Primer) 01 Coat with Polyurethane (Finish Coat) 02 Coats; Drawing Nos.: 1] RPTPL/315 KVA/003 2] RPTPL/315 KVA/002

*Nikhil*  
PREPARED BY



*Shehab*  
CHECKED BY

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Sheet 3 of 5

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Sr. No	Particular of Tests & Cl.No.	Requirement as per Specification	Obtained Value	Remarks
1	Coating Thickness Measurement [Microns] & Cl. No. 15.5 & Table 12 of IS 1180 (Part 1):2014 & ERDA Test Procedure No. MMET/019			
	Inside Tank	35.0 Microns [Min.]	132 Microns #	Conforms
	Outside Tank	80.0 Microns [Min.]	139 Microns #	Conforms

*Nikhil*  
PREPARED BY

*Shilpa*  
CHECKED BY



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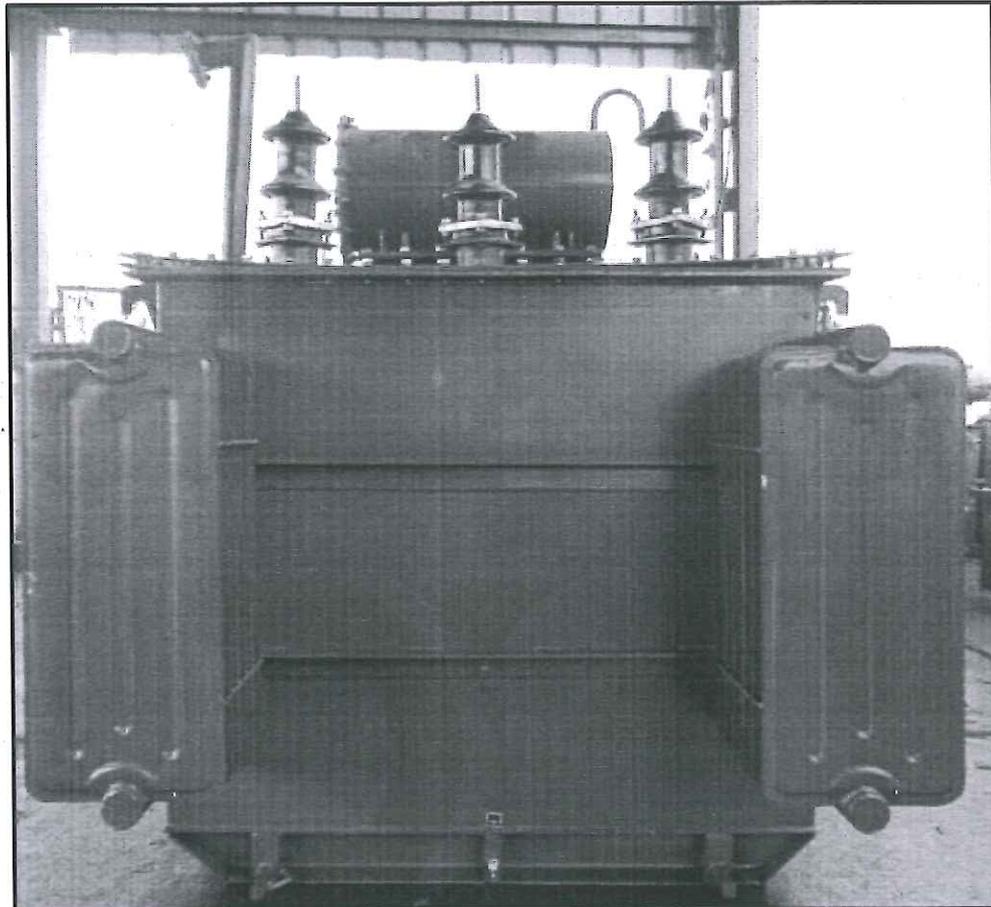
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Sheet 4 of 5

Test Report No. : RP-1718-050903

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Photograph of sample in as received condition.

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*Nish*  
PREPARED BY



*Shahab*  
CHECKED BY

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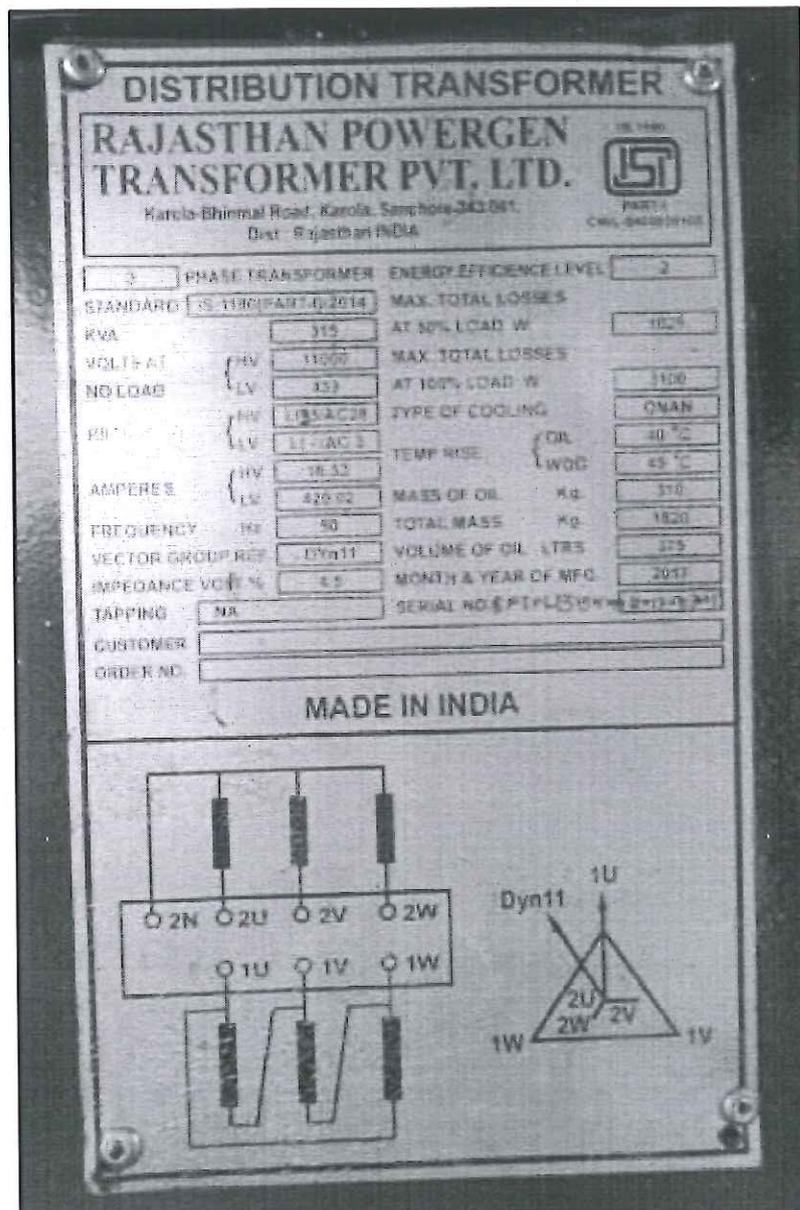
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Sheet 5 of 5

Test Report No. : RP-1718-050903

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Photograph of Transformer Name Plate.

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*Nish*  
PREPARED BY



*Sheshab*  
CHECKED BY