



Certificate No. : TC-5389

## ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)

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ULR-TC538919000032113F

### TEST REPORT

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NAME &amp; ADDRESS OF CUSTOMER :</b><br><br><b>PVJ POWER SOLUTIONS</b><br><br>Village- Nasrali, Post- Dabhota,<br>Bharatgarh Road<br>NALAGARH 174101<br>Himachal Pradesh<br>India                                                                                                                                                                                                                                                                                                               | <b>REPORT No. :</b> RP-1920-026986                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>DATE :</b> 19-October-2019                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>CUSTOMER REF. No. &amp; DATE :</b><br>PVJ/RKA/630-19b; Date:11-10-2019                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>DATE OF SAMPLE RECEIPT :</b> 11-October-2019                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>START DATE OF TESTING :</b> 18-October-2019                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>END DATE OF TESTING :</b> 18-October-2019                                                                                                                                  |
| <b>SAMPLE DESCRIPTION :</b><br>630 kVA, 11/0.433 kV Dist. Transformer<br><br>Specification as per sheet 2 of 16.                                                                                                                                                                                                                                                                                                                                                                                   | <b>SAMPLE IDENTIFICATION :</b><br>Sr No : PVJ-630/01<br><br>ERDA SAMPLE CODE No.: ERDA-00339453                                                                               |
| <b>TEST DETAILS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>TEST SPECIFICATION</b>                                                                                                                                                     |
| 1 Lightning Impulse Test with Chopped on the tail on all the three phases of HV terminals at 95 kVp                                                                                                                                                                                                                                                                                                                                                                                                | IS 1180(PART-1)2014 CL NO. 21.3.a & Amendment no. 1, 2 & 3, Test Procedure was followed as per IS 2026(part-3)2009, Cl No. 14 and test voltage was specified by the customer. |
| <b>ENCLOSURE</b><br>Drg. No.: i) PVJ/630/11/L2/01 REV.0 ii) PVJ/630/11/L2/02 REV.0                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                               |
| <b>REMARKS :</b><br>From the observation of enclosed oscillographic records, it is concluded that the transformer conforms to the requirements of the abovementioned standard with respect to the test carried out.                                                                                                                                                                                                                                                                                |                                                                                                                                                                               |
| <br><b>PREPARED BY</b>                                                                                                                                                                                                                                                                                                                                                                                          | <br><b>CHECKED BY</b>                                                                      |
| <br><b>ANIL KHOPKAR</b><br><b>APPROVED BY</b>                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                               |
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TC 2869691