



(भारत सरकार, विद्युत मंत्रालय)
वी. रामन रोड, सदाशिवनगर डाक घर, पं
बेंगलूरु - 560 080, कर्नाटक, भारत

CENTRAL POWER RESEARCH INSTITUTE

(Govt. of India, Ministry of Power)

Prof. Sir C.V. Raman Road, Sadashivanagar Post Office, P.B.No. 8066,

Bengaluru - 560 080, Karnataka, India

वेबसाइट website : www.cpri.res.in

सं.सं./No. **CPRIBLRHVDMISC25T0953**

दिनांक / Date: **24 October 2025**

सेवा में, / To,

M/s. Venkateshwara Supplies Private Limited
Flat no. 8/894, N.H. bypass road, Chandranagar,
Palakkad, 678007 Kerala India

विषय / Sub:- परीक्षण रिपोर्ट / Test Reports

महोदय / Dear Sir(s),

आपके दिनांक **26 September 2025** के अनुरोध पर रिपोर्ट सं. **CPRIBLRHVDMISC25T0953** दिनांक **13 October 2025** इसके साथ संलग्न है।

With Reference to your request dated **26 September 2025**, we are enclosing herewith report No./s **CPRIBLRHVDMISC25T0953** dated **13 October 2025**. कृपया पावती भेजें / Kindly acknowledge the receipt of the same.

कृपया ध्यान दें कि संलग्न परीक्षण रिपोर्ट में विषमताएँ / विसंगतियाँ, यदि कोई पाई गई तो इस पत्र की प्राप्ति के 45 दिनों के अंदर सीपीआरआई के ध्यान में लाएँ।

Please note that anomalies/discrepancies in the test report enclosed, if any, shall be brought to the notice of CPRI within 45 days of receipt of this letter.

साथ ही, कृपया ध्यान दें कि इस पत्र के जारी दिनांक से 15 दिनों के भीतर परीक्षण के लिए लाए गए नमूने तथा उनके साथ लाई गई अतिरिक्त सामग्री उच्च वोल्टता प्रयोगशाला के परिसर से हटा दी जाएँगी। उपरोक्त अवधि के बाद किसी भी दावे पर विचार नहीं किया जाएगा तथा कुछ और दिनों के लिए नमूनों को रखने के लिए इस अवधि के अंदर कोई लिखित अनुरोध की अनुपलब्धि पर सीपीआरआई के मानकों के अनुसार नमूनों का निपटारा किया जाएगा।

Also, please note that the samples and any additional material brought along with them for the testing shall be removed from the High Voltage Laboratory premises within 15 days from the date of issue of this letter. No claims will be entertained after the above period and samples will be disposed off as per CPRI norms, unless written request is received within this period for retaining the samples for a few more days.

भविष्य में भी हमारी सर्वोत्तम सेवाओं के आश्वासन तथा धन्यवाद के साथ।

Thanking you and assuring you of the best of our services in the future also.

भवदीय / Yours faithfully,

(प्रभाकर सी / PRABHAKAR C)

संयुक्त निदेशक एवं प्रभागीय प्रधान / Joint Director & HOD

उच्च वोल्टता प्रभाग / HIGH VOLTAGE DIVISION

CPRI

TEST REPORT



Central Power Research Institute

**(A Govt. of India Society)
P.B. No. 8066, Sadashivanagar P.O.,
Prof. Sir. C.V. Raman Road,
Bangalore - 560 080**

CENTRAL POWER RESEARCH INSTITUTE
(Member of STL)
TEST REPORT



CPRI

Test Report Number : CPRIBLRHVDMISC25T0953 **Date:** 13 October 2025

Name and Address of the Customer : M/s. Venkateshwara Supplies Private Limited
Flat no. 8/894, N.H. bypass road, Chandranagar,
Palakkad, 678007 Kerala India
Ref: Customer Request form 26.09.2025

Name and Address of the Manufacturer : M/s. Venkateshwara Supplies Private Limited
Factory : 16/768, Para Road, Parapirivu,
Kanjikode, Industrial Area. Palakkad-678 621

Particulars of sample tested

Type : Nil

Description of test sample : Silicone Rubber Sheet (5cm*7cm*4mm)

Serial Number : Nil

Number of samples tested : One

Date(s) of Test(s) : 03 October 2025 to 09 October 2025

CPRI Sample code Number(s) : HVD25S0796

Particulars of tests conducted : Refer Sheet 2 of 4

Test in accordance with Standard/Specification : Refer Sheet 2 of 4

Sampling Plan : Not Applicable

Customer's Requirement : Nil

Deviations if any : Nil

Name of the witnessing persons

Customers representative : None

Other than customer's representatives : None

Test subcontracted with address of the laboratory : None

Documents constituting this report (in words)

Number of Sheets : Four

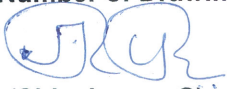
Number of Oscillogram(s) : Nil

Number of Graph(s) : Nil

Number of Photograph(s) : Four

Number of Test Circuit Diagram(s) : One

Number of Drawing(s) : Nil


(Shivakumar C)
Test engineer




(Prabhakar C)
Head of Division
Reviewed and Authorized by

CENTRAL POWER RESEARCH INSTITUTE
(Member of STL)
TEST REPORT



Test Report Number: CPRIBLRHVDMISC25T0953

Date: 13 October 2025

SUMMARY OF TESTS CONDUCTED

1. Tests conducted : Customer Defined Test.
2. Rating for which tested : Nil.
3. Schedule of tests

Sl.No.	Tests Conducted	Clause Numbers	Sheet
1	Recovery of hydrophobicity test	As per Clause 3, annexure B of REC76/2006	Sheet 3 of 4

4. Oscillogram Numbers : Nil.
5. Graph Numbers : Nil.
6. Photograph Numbers : P01, P02, P03 and P04.
7. Test Circuit Diagram Numbers. : TCD01.
8. Number of Drawings : Nil.

(Shivakumar C)
Test Engineer

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TEST REPORT



Test Report Number: CPRIBLRHVDMISC25T0953

Date: 13 October 2025

TEST RESULTS

Recovery of Hydrophobicity Test:

Test procedure: As Per As per Clause.3, annexure B of REC76/2006

Particulars of test	Hydrophobic classification	Photograph Number
Hydrophobicity of sample before Corona treatment.	HC1	P01
Hydrophobicity of sample after Corona treatment.	HC6	P02
Hydrophobicity recovery of sample within 48 hours of Corona treatment.	HC2	P03

Conclusion: The tested Sample recovered the hydrophobicity to HC2 within 48 hours, hence comply with Clause 3 annexure B of REC76/2006 of REC Specifications for the test conducted.

Ambient conditions during the test were as follows.

Temperature in Degree Celsius		Atmospheric Pressure in bar
Dry Bulb	Wet Bulb	
27	22	910

(Shivakumar C)
Test Engineer

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TEST REPORT



CPRI

Test Report Number: CPRIBLRHVDMISC25T0953

Date: 13 October 2025

NOTE

- a) The Test results relate only to the sample(s) tested.
- b) Publication or reproduction of this Test Report /Test Certificate in any form other than by complete set of the whole Test Report /Test Certificate and in the language written is not permitted without the written consent of CPRI.
- c) Any Corrections/erasure invalidates the Test Report/Test Certificate
- d) Any anomaly/discrepancy in the Test Report / Test Certificate should be brought to the notice of CPRI within 45 days from the date of issue.
- e) All documents constituting the Test Report/Test Certificate are stitched together with a continuous silk thread/silk ribbon, the two ends of which have been brought over the front sheet of the Test Report/Test Certificate and sealed with a CPRI logo printer paper sticker/embossed

(Shivakumar C)
Test Engineer

-----End of Test Report-----

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TEST REPORT

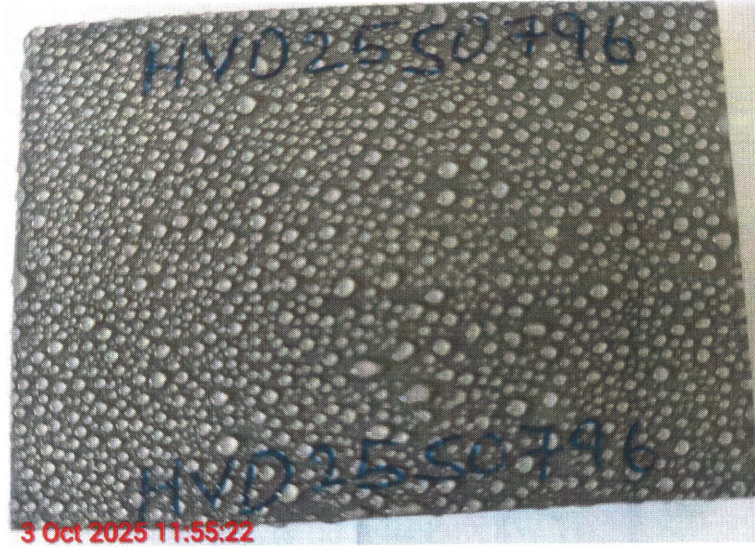


Test Report No: CPRIBLRHVDMISC25T0953

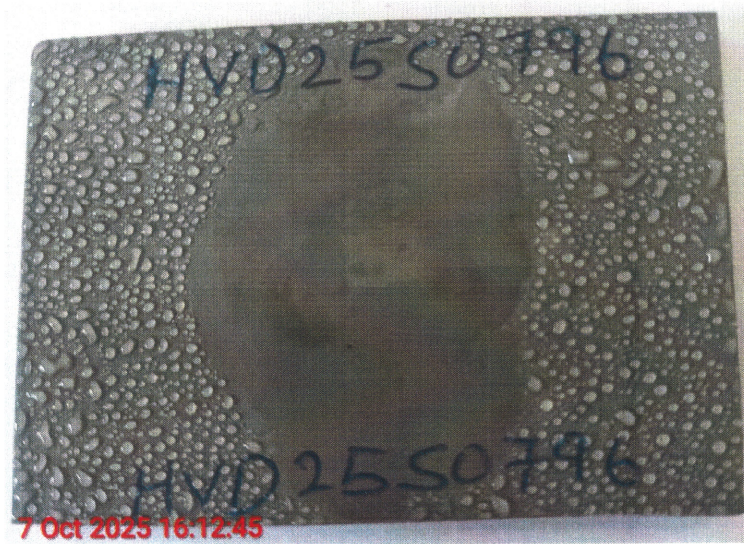
Date: 13 October 2025

CPRI

Recovery of Hydrophobicity Test



Photograph No. P01 Hydrophobicity of sample before corona treatment



Photograph No. P02 Hydrophobicity of sample after corona treatment

(Shivakumar C)
Test Engineer

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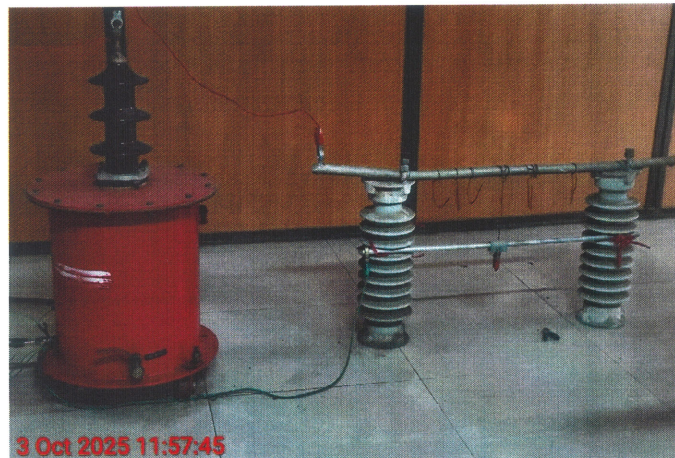
Test Report No: CPRIBLRHVDMISC25T0953

Date: 13 October 2025

Recovery of Hydrophobicity Test



Photograph No. P03
Hydrophobicity recovery of samples between 24th to 48th hours



Photograph No. P04 Test Setup

(Shivakumar C)
Test Engineer

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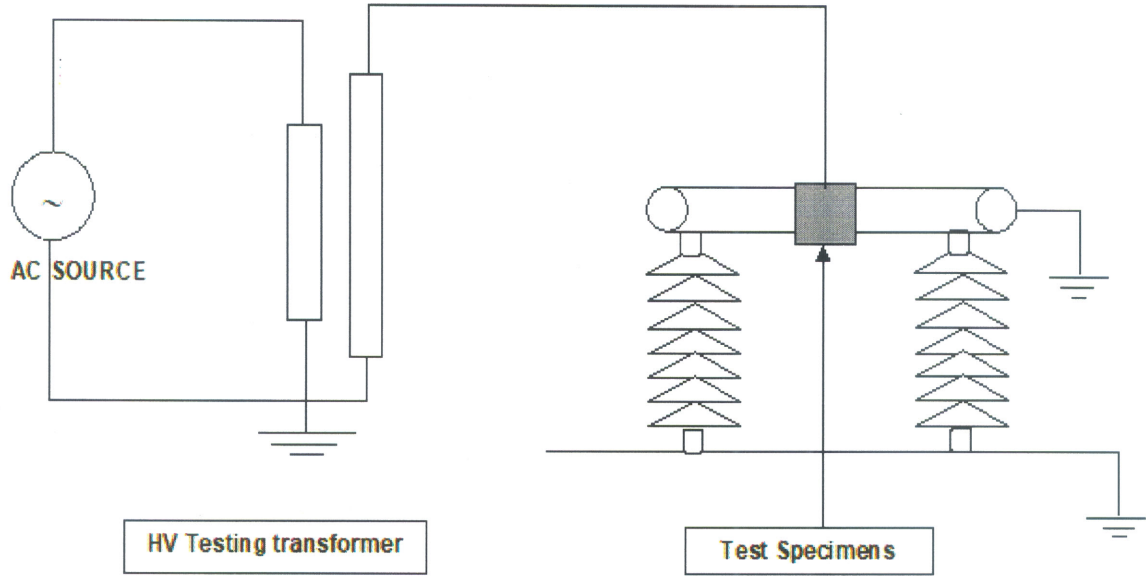


Test Report No: CPRIBLRHVDMISC25T0953

Date: 13 October 2025

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Recovery of Hydrophobicity Test



Test Circuit Diagram Number: TCD01

(Shivakumar C)
Test Engineer