

CENTRAL POWER RESEARCH INSTITUTE



CPRI

TEST REPORT

Test Report Number : CPRIPLSTNCMISC21T0321 Date: 08 November 2021

Name and Address of the Customer : M/s. Gayatri Engineers,
34 Bhagirath Industrial Estate, Part-1, Gulabnagar
Near Swastika Cross Road, Amriwadi,
Ahmedabad, Gujarat-380 026

Name and Address of the Manufacturer : M/s. Gayatri Engineers,
34 Bhagirath Industrial Estate, Part-1, Gulabnagar
Near Swastika Cross Road, Amriwadi,
Ahmedabad, Gujarat-380 026

Particulars of sample tested : 415 V, 250A, LT Panel

Type : Outdoor

Description of test sample : 415 V, 250A, LT Panel

Serial Number : GE/IP65/001

Number of samples tested : One

Date(s) of Test(s) : 08 September 2021 & 09 September 2021.

CPRI Sample code Number(s). : STNCMISC21S0265

Particulars of tests conducted : Degree of Protection IP-65

Test in accordance with : As per customer's requirement.

Standard/specification : Nil

Sampling Plan : Nil

Customer's Requirement : As per Cl. 10.3 of IS/IEC 61439 (Part-1):2011.

Deviations, if any : Test was conducted on panel with TP MCCB and busbars only.

Name of the witnessing persons

Customer's representative : Mr. Ravi Jain

Other than customer's representative : Nil

Test subcontracted with address of the laboratory : None

Documents constituting this report (in words)

Number of Sheets : Six

Number of Oscillogram(s) : Nil

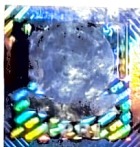
Number of Graph(s) : Nil

Number of Photograph(s) : One

Number of Test Circuit Diagram(s) : Nil

Number of Drawing(s) : One

(Manoj Hirani)
Test Engineer



(Sarita Dongre)
Head of Division
Reviewed and Authorized By

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DESCRIPTION OF THE SAMPLE TESTED (As assigned by the manufacturer)

Sample	:	415 V, 250A, LT Panel
Rated voltage (Volts)	:	415
Rated current (Amps)	:	250
Frequency (Hz)	:	50
Insulation level (Vrms/kVp)	:	660/-
No. of phases	:	Three
No. of poles	:	Three
Dimensions of the sample (mm)	:	As per drawing


(Manoj Hirani)
Test Engineer

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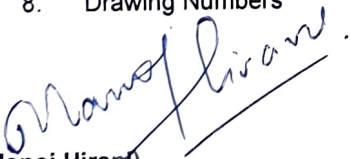
SUMMARY OF TESTS CONDUCTED

1. Tests conducted : Degree of Protection IP-65
2. Rating for which tested : 1.1) Protection against access to hazardous parts IP-6X
1.2) Ingress protection against solid particles IP-6X
2) Ingress protection against liquid IP-X5

3. Schedule of tests

Tests Conducted	Clause Numbers	Sheet
Degree of Protection IP-65	As per customer's requirement.	5 of 6

4. Oscillogram No(s) : Nil
5. Graph Numbers : Nil
6. Photograph Numbers : CPRIBPLSTNCMISC21T0321P01
7. Test Circuit Diagram Numbers : Nil
8. Drawing Numbers : Refer sheet 4 of 6


(Manoj Hiran)
Test Engineer

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LIST OF DRAWINGS

Drawing Numbers

The manufacturer has guaranteed that the sample submitted for the test(s) has been manufactured in accordance with the following drawing

Sl.No.	Drawing Number	Sheet Number	Revision Number
01	GE/IP65/001	01 of 01	00

It is verified that this drawing adequately represent the sample tested. Verification of this drawing by CPRI is limited to dimensional check only wherever possible.

(Manoj Hirani)
Test Engineer

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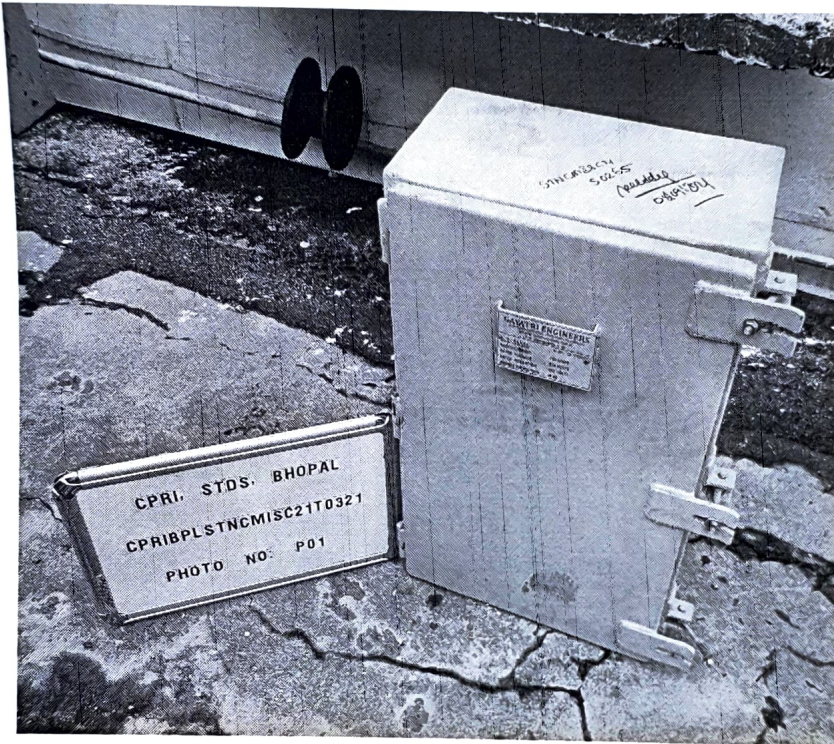
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TEST RESULTS



Photograph Number: CPRIBPLSTNCMISC21T0321P01

Manoj Hiram
(Manoj Hiram)
Test Engineer