

CPRI

TEST REPORT



CENTRAL POWER RESEARCH INSTITUTE
(A Govt. of India Society)
Regional Testing Laboratory
3A, Institutional Area, Sector - 62
Noida - 201 309

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI
Date: 24.February.202

Test Report Number : CPRINOAHVMIISC20T0048

Name and Address of the Customer : M/s. MRM Procom Pvt. Ltd.
Plot No. -20 & 21, Sector-59(2), HUDA, Faridabad,
Haryana-121004.

Name and Address of the Manufacturer : M/s. MRM Procom Pvt. Ltd.
Plot No. -20 & 21, Sector-59(2), HUDA, Faridabad,
Haryana-121004.


Particulars of sample tested : Bus Bar Support
Type : BIC-30-6
Description of test sample : Refer sheet 2 of 5
Serial Number : Nil
Number of samples tested : One
Date(s) of Test(s) : 21.February.2020
CPRI Sample code Number(s) : NOAHVMISC20S044
Particulars of tests conducted : i). Verification of Dimensions
ii). Dry Power Frequency Voltage Withstand Test

Test in accordance with Standard/Specification : As per customer requirements
Sampling Plan : None
Customer's Requirement : Test was conducted at 5kVrms for one minute
Deviations if any : Nil

Name of the witnessing persons :
Customers representative : Nil
Other than customer's representatives : Nil


Test subcontracted with address of the laboratory :

Documents constituting this report (in words)
Number of Sheets : Five
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


(M.K.Jaiswal)
Test Engineer

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CENTRAL POWER RESEARCH INSTITUTE
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Plot No.-3A, Institutional Area, Sector-62, Noida-201309 (U.P.)




(S. Bhattacharyya)
Head of Division
Approved by

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CENTRAL POWER RESEARCH INSTITUTE
केन्द्रीय परीक्षण प्रयोगशाला
Regional Testing Laboratory

High Voltage laboratory
Regional Testing Laboratory, Plot No. 3A,
Institutional Area, Sector-62, Noida-201309, (UP), India.
Fax 0120-2402824 and Phone No. 0120-2402823

प्लॉट नं० 3A, इन्स्टीट्यूट एरिया, सेक्टर-62, नोडा-201309 (U.P.)
Plot No.-3A, Institutional Area, Sector-62, Noida-201309

Sheet 1 of 5

CENTRAL POWER RESEARCH INSTITUTE

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DESCRIPTION OF SAMPLE TESTED (As assigned by the manufacturer)

Sample : Bus Bar Support
Rated voltage(Volts) : 600 to 750Vdc
Frequency (Hz) : 50

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SUMMARY OF TESTS CONDUCTED

1. Tests conducted : i). Verification of Dimensions
ii). Dry Power Frequency Voltage Withstand Test
2. Rating for which tested : i). Verification of Dimensions as per drawing
ii). Dry Power Frequency Voltage Withstand Test at 5kVrms for one minute
3. Schedule of tests

| Tests Conducted | Clause Numbers | Sheet |
|--|------------------------------|--------|
| Verification of Dimensions | As per drawing. | 4 of 5 |
| Dry Power Frequency Voltage Withstand Test | As per customer requirements | 4 of 5 |

4. Oscillogram Numbers : NA
5. Graph Numbers : NA
6. Photograph Numbers : CPRINOAHVMISC20T0048P01
7. Test Circuit Diagram Numbers. : Nil
8. Drawing Numbers : As given bellow

Drawing Numbers

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

| Sl. No. | Drawing Number | Sheet Number | Revision Number |
|---------|----------------------|--------------|-----------------|
| 1 | MRM/DMC/BIC-30-6/902 | 00 | 01 of 01 |

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

(M.K.Jaiswal)
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High Voltage laboratory
Regional Testing Laboratory, Plot No. 3A,
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Fax 0120-2402824 and Phone No. 0120-2402823

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TEST RESULTS

Laboratory conditions
Dry bulb temperature : 22°C, Wet bulb temperature : 18°C, Atmospheric pressure : 988 mbar

1). **Verification of Dimensions:** Verified as per drawing and found to be in order.

2). **Dry Power Frequency Voltage Withstand Test at 5kVrms**

| Test Connection | Voltage applied kV(rms) | Remarks |
|---|----------------------------|-----------------------|
| The insulator was mounted on earthed channel and connected to earth, top end of insulator was connected to high voltage source. | 5 | Withstood for 60 sec. |

Conclusion: the sample tested complies with the requirements of the customer.

(M.K.Jaiswal)
Test Engineer

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Regional Testing Laboratory
प्लॉट नं० ३९, एन सी ई आर क्षेत्र-६२, नोएडा-२०१३०९
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Sheet 4 of 5

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NOTE

- The Test results relate only to the sample(s) tested.
- 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.
- Any Corrections/erasure invalidates the Test Report/Test Certificate
- 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.

(M.K.Jaiswal)
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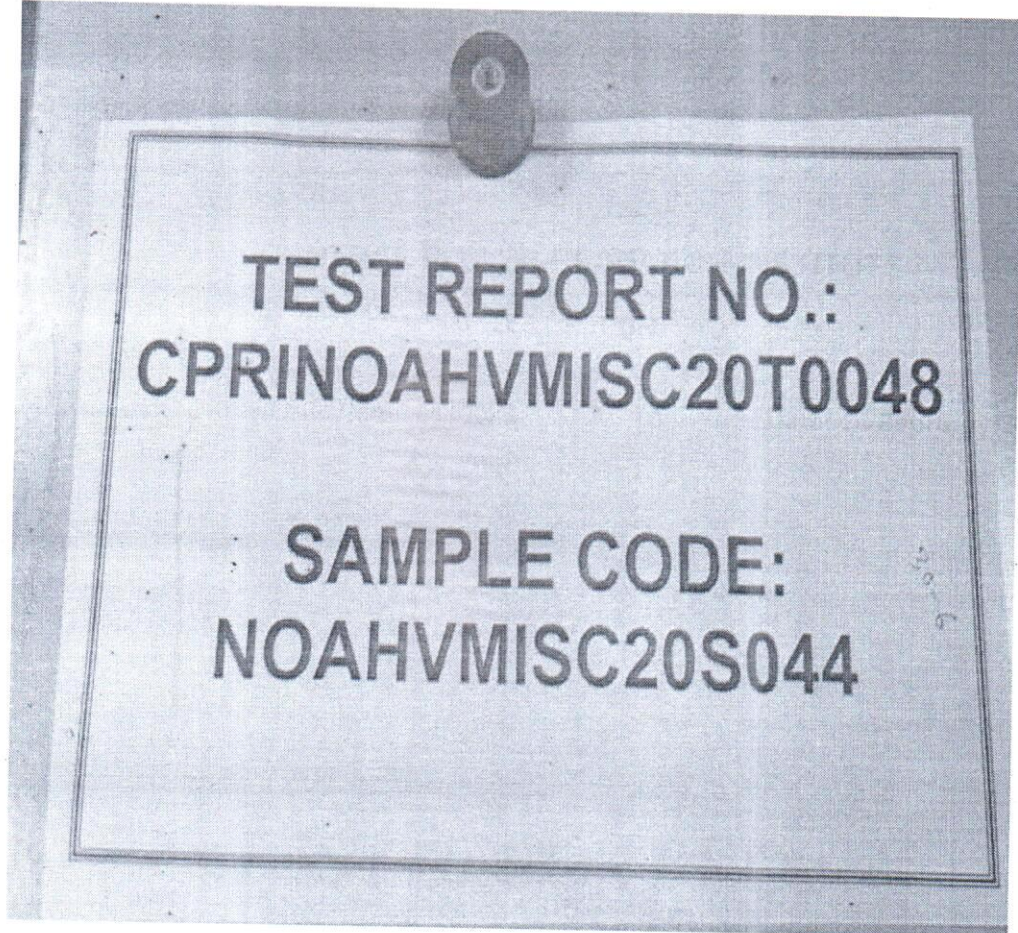
TEST REPORT



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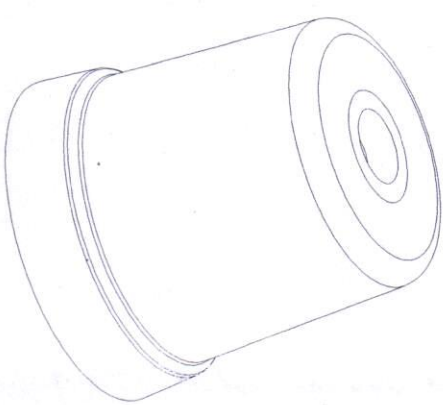
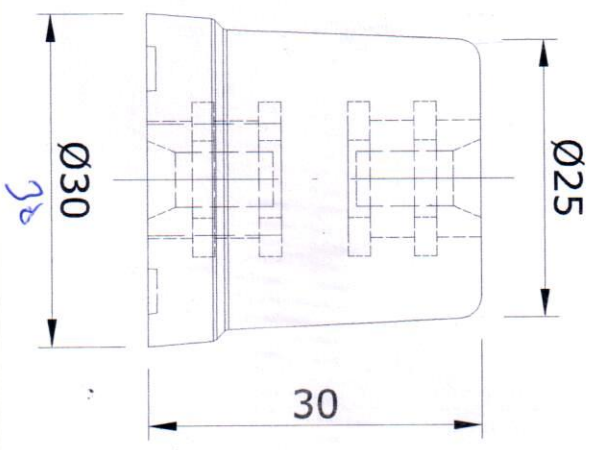
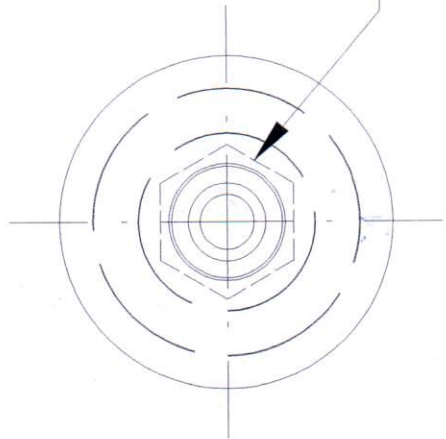


Photograph Number: CPRINOAHVMISC20T0048P01

(M.K.Jaiswal)
Test Engineer

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Plot No.-3A, Institutional Area, Sec-62, Noida-201309 (U.P.)

M6 NUT



Test Engineers
RTL, CPRI,
NOIDA

VERIFICATION OF THIS DRAWING
BY CPRI IS LIMITED TO
DIMENSIONAL CHECK ONLY
WHENEVER POSSIBLE

THIS DRAWING PERTAINS TO CPRI
TEST REPORT NUMBER : CPRI/2020/11/02/2020
Date : 24.02.2020

ALL DIMENSION ARE IN MM
UNLESS OTHERWISE SPECIFIED

TOLERANCE
CHART

DIMENSION(MM)
TOLERANCE(±)

01-15
0.25mm

16-50
0.5mm

51-100
1.0mm

100-250
1.5mm

ABOVE 250
2mm

Revision

Client -

Consultants -

Architects -



MRM PROCOM PVT. LTD.
PLOT NO.20(21) SEC 59 PH 2 FARIDABAD (HR) 121001
Website : www.mrmprocom.com

Project -

Title - BIC-30-6

Detail - BUSBAR SUPPORT CONICAL 30-6

Drawn

S.S.M

Drg. No. -
MRM/DWG/BIC-30-6/902

Checked

M.K.SHARMA

Rev. No. -
00

Scale

N.T.S.

Sheet No.
01

Date

11/02/2020

No. of Sheets
01

