



परीक्षण रिपोर्ट TEST REPORT

केन्द्रीय विद्युत अनुसंधान संस्थान

(विद्युत मंत्रालय, भारत सरकार के अधीन एक स्वायत्त सोसायटी)

CENTRAL POWER RESEARCH INSTITUTE

(An Autonomous Society under Ministry of Power, Govt. of India)

एस टी एल के सदस्य

Member of STL

स्विचगियर परीक्षण तथा विकास केंद्र

SWITCHGEAR TESTING & DEVELOPMENT STATION

गोविन्दपुरा, भोपाल - 462023

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CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI

Test Report Number : CPRI BPLSTNBMISC21T0208 Date: 14 December 2021

Name and Address of the Customer : DS Earthing Private Limited
Sadarpur, Sector- 45, Noida
Gautam Buddha Nagar – 201301 (U.P.)

Name and Address of the Manufacturer : DS Earthing Private Limited
Sadarpur, Sector- 45, Noida
Gautam Buddha Nagar – 201301 (U.P.)

Particulars of sample tested : 50mm Copper Bonded Earthing Electrode 3000mm Long
Type : Copper Coating
Description of test sample : Refer sheet 2 of 5
Serial Number : Nil
Number of samples tested : One
Date(s) of Test(s) : 30 September 2021
CPRI Sample code Number(s) : STNBMISC21S0694

Particulars of tests conducted : Short time current test
Test in accordance with Standard/Specification : As per customer's requirement

Sampling Plan : Nil
Customer's Requirement : Short time current test to be conducted.
Deviations if any : Short time current test was conducted.

Name of the witnessing persons :
Customers representative : Mr. Mahaveer Singh & Mr. Avnish Singh
Other than customer's representatives : Nil
Test subcontracted with address of the laboratory : Nil

Documents constituting this report (in words)

Number of Sheets : Five
Number of Oscillogram(s) : One
Number of Graph(s) : Nil
Number of Photograph(s) : One
Number of Test Circuit Diagram(s) : One
Number of Drawing(s) : Nil

For DS EARTHING PRIVATE LIMITED

Xam
Partner

(Prabakaran T)
Test Engineer



Sumbul Munshi
(Sumbul Munshi)

Head of Division
Reviewed and Authorized by

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI

Test Report Number

: CPRIBPLSTNBMISC21T0208

Date: 14 December 2021

DESCRIPTION OF SAMPLE TESTED

(As assigned by the manufacturer)

Test Sample : 50mm Copper Bonded Earthing Bonded Electrode 3000mm long
Type : Copper Coating
Designation : Nil
Serial number : Nil

Voltages

Rated Voltage (U_n) in V : NA
Rated Insulation Voltage (U_i) in V : NA
Rated impulse withstand voltage (U_{imp}) in kV : NA

Currents

Rated Current (I_{nA}) in A : Nil
Rated current of a main outgoing circuit (I_{nc}) in A : NA
Rated conditional short-circuit current (I_{sc}) in kA : NA
Rated short-time withstand current (I_{cw}) in kA : 30 kArms for 1.0 second with initial peak of 50 kApeak

Rated frequency (f_n) in Hz : 50
Degree of protection : Nil
Number of Phases : Nil
Extendable : NA

NA : Not Applicable

(Prabakaran T)
Test Engineer

For DS EARTHING PRIVATE LIMITED

Partner

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI

Test Report Number

: CPRIBPLSTNBMISC21T0208

Date: 14 December 2021

SUMMARY OF TESTS CONDUCTED

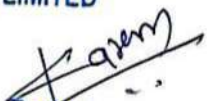
1. Tests conducted : Short time current test
2. Rating for which tested : 30 kArms for 1.0 second with initial peak of 50 kApeak
3. Schedule of tests

Tests Conducted	Clause no.	Reference
Short time current test	Customer's requirement	Sheet 4 of 5

1. Oscillogram number(s) : CPRIBPLSTNBMISC21T0208S002
2. Graph Number(s) : Nil
3. Photograph Number(s) : CPRIBPLSTNBMISC21T0208P01
4. Test Circuit diagram number(s) : OLTS/TCD-STC-06
5. Drawing Number(s) : Nil


(Prabakaran T)
Test Engineer

For DS EARTHING PRIVATE LIMITED


Partner

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT




CPRI

Test Report Number : CPRIBPLSTNBMISC21T0208

Date: 14 December 2021

NOTE

- a) The test results relate only to the sample(s) tested.
- b) Publication or reproduction of the 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 correction/erasure invalidates this 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


(Prabakaran T)
Test Engineer

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

For DS EARTHING PRIVATE LIMITED

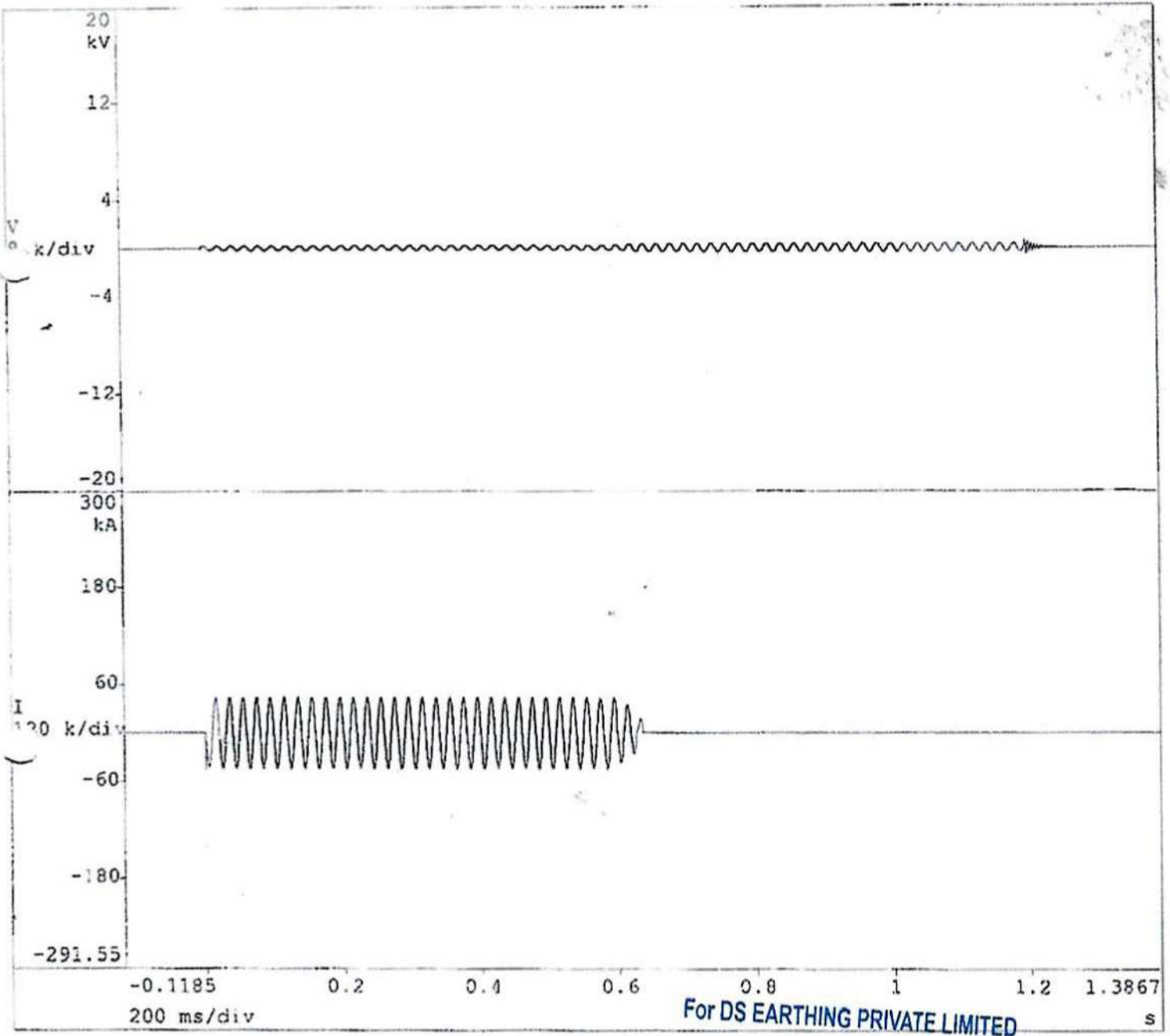

Partner

Central Power Research Institute
TEST REPORT



Test Report Number : CPRIBPLSTNBMISC21T0208

TEST RESULTS



Oscillogram Number : CPRIBPLSTNBMISC21T0208S002

Test Engineer

Partner