

**CENTRAL POWER RESEARCH INSTITUTE
SWITCHGEAR TESTING & DEVELOPMENT STATION
GOVINDPURA, BHOPAL-23**

PROVISIONAL TEST REPORT

28 DEC 2012

Test Report No. & Date : 2012/STN-1/862
Customer, his reference and address : M/s NEI Power & Engineering (P)Ltd.,
No. B 40, KSSIDC Industrial Estate,
Kumbalagodu, Bangalore – 74.
Karnataka (India)
Manufacturer, his reference & address : M/s NEI Power & Engineering (P)Ltd.,
No. B 40, KSSIDC Industrial Estate,
Kumbalagodu, Bangalore – 74.
Karnataka (India)
Particulars of sample tested : 11kV, VD4, Switchgear Panel
Designation : Nil
Type : Indoor Switchgear cubicle
Sample code No. : STDSST112S1129
Drawing No (s) : NIE/01, NIE/02, NIE/03
NIE/04, NIE/05, NIE/06
Drawing numbers under revision : NIE/01, NIE/02, NIE/03
NIE/04, NIE/05
Serial Number : TT-01
Date (s) of test(s) : 27th December, 2012
No. of samples tested : One
Test conducted : Internal arc fault current test on Busbar Chamber

Particulars of test conducted : Internal arc fault current test on Busbar Chamber was conducted at 40 kArms for 0.1 sec. with initial peak current of 100 kA. No abnormality noticed during test.

Observation after test:-

1. Doors and covers did not open.
2. No fragmentation of the enclosure occurred.
3. Arcing did not cause any hole in the panel.
4. Indicators did not ignite.
5. All the earthing connections remained intact.

Test in accordance with/ Standard/specification : Creteria 1 to 5 of A.6 of Annexure A of IEC : 62271-200,2003

Customer's requirement/Deviations if any : NIL

Name of the witnessing persons

Customer's representative

- 1) Mr. Uday Shankar, Vice President
- 2) Mr. K.Z.Meeran
- 3) Mr. Samivilla Khan

Other than Customer's representative

Remarks

- : Nil
: Nil

TEST ENGINEER

NOTE:

- a) This is only a provisional report of test(s) performed, the final report will be issued separately.
- b) Corrections/erasings invalidate the test report.

JOINT DIRECTOR

संयुक्त निदेशक

Joint Director

केन्द्रीय बिजली अनुसन्धान संस्थान

Central Power Research Institute

स्विचगियर परीक्षण तथा विकास केंद्र

Switchgear Testing & Development Station

गोविन्दपुरा, भोपाल-462023

Govindpura, Bhopal-462023

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NIE/04, NIE/05, NIE/06
Drawing numbers under revision : NIE/01, NIE/02, NIE/03
NIE/04, NIE/05
Serial Number : TT-01
Date (s) of test(s) : 27th December, 2012
No. of samples tested : One
Test conducted : Internal arc fault current test on Cable Chamber

Particulars of test conducted : Internal arc fault current test on Cable Chamber was conducted at 40 kArms for 0.1 sec. with initial peak current of 100 kA. No abnormality noticed during test.

Observation after test:-

1. Doors and covers did not open.
2. No fragmentation of the enclosure occurred.
3. Arcing did not cause any hole in the panel.
4. Indicators did not ignite.
5. All the earthing connections remained intact.

Test in accordance with/ Standard/specification : Creteria 1 to 5 of A.6 of Annexure A of IEC : 62271-200,2003

Customer's requirement/Deviations if any : NIL

Name of the witnessing persons

Customer's representative : 1) Mr. Uday Shankar, Vice President
2) Mr. K.Z.Meeran
3) Mr. Samivilla Khan

Other than Customer's representative : Nil

Remarks : Nil

TEST ENGINEER

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