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

### 2.8 DEC 2012 PROVISIONAL TEST REPORT

2012/STN-1/862 Test Report No. & Date

M/s NEI Power & Engineering (P)Ltd., Customer, his reference and address No. B 40, KSSIDC Industrial Estate,

Kumbalagodu, Bangalore – 74.

Karnataka (India)

M/s NEI Power & Engineering (P)Ltd., Manufacturer, his reference & address

No. B 40, KSSIDC Industrial Estate, Kumbalagodu, Bangalore - 74.

Karnataka (India)

11kV, VD4, Switchgear Panel Particulars of sample tested

Designation

Indoor Switchgear cubicle Type

STDSST112S1129 Sample code No. NIE/01, NIE/02, NIE/03

Drawing No (s) NIE/06 NIE/04, NIE/05,

NIE/03 NIE/01, NIE/02, Drawing numbers under revision

NIE/04, NIE/05

TT-01 Serial Number

27<sup>th</sup> December, 2012 Date (s) of test(s)

One No. of samples tested

Internal arc fault current test on Busbar Chamber Test conducted

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:-

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/

Creteria 1 to 5 of A.6 of Annexure A of IEC: 62271-200,2003

Standard/specification

Customer's requirement/Deviations if any

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

Nil

TEST ENGINEER

NOTE:

JOINT DIRECTOR बयुक्त निवेशक

Joint Director

a) This is only a provisional report of test(s) performed, the final report will the issued separately

b) Corrections/erasings invalidate the test report.

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

:2.8 DEC 2014 PROVISIONAL TEST REPORT

Test Report No. & Date

2012/STN-1/861

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

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)

27<sup>th</sup> 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/

Creteria 1 to 5 of A.6 of Annexure A of IEC: 62271-200,2003

Standard/specification

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

Nil

Remarks

**TEST ENGINEER** 

NOTE:

JOINT DIRECTOR

बयुक्त निदंशक

Joint Director

a) This is only a provisional report of test(s) performed, the final report will be issued separately institute

b) Corrections/erasings invalidate the test report.

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