

CENTRAL POWER RESEARCH INSTITUTE



TEST REPORT

CPRI

Dated: 24.09.2018

Test Report Number : CPRI BLRHRTL1819T0071

Name & Address of the Customer : M/s. Shri Vaari Electricals (P) Ltd.,
No. C-37, Thiru-Vi-Ka Industrial Estate,
Guindy, Chennai – 600 032
Ref.: Customer request form, dated: 18.09.2018

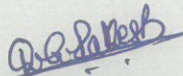
Name & Address of the Manufacturer : M/s. Shri Vaari Electricals (P) Ltd.,
No. C-37, Thiru-Vi-Ka Industrial Estate,
Guindy, Chennai – 600 032

Particulars of sample tested : 660V, 3200A, 50kA/3 Sec Main MV Panel.
Condition of the Sample on Receipt : New
Type : Indoor
Description of test sample : 660V, 3200A, 50kA/3 Sec Main MV Panel (Refer Sheet 2 of 6)
Serial Number : SVE/LT/002
Number of samples tested : One
Date(s) of Test(s) : 18.09.2018 to 20.09.2018
CPRI sample code no : HRTL1819S0046
Particulars of tests conducted : Temperature rise test

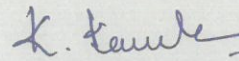
Test in accordance with standard/specification : As per IEC 61439-2:2011
Sampling plan : Nil
Customers requirement : Nil
Deviations if any : Nil

Name of the witnessing persons
Customers representatives : Mr. B. Jagan Mohan (GM-Operations)
Mr.F.Mohamed Yahoob (Design Engineer)
Other than Customers representatives : Nil
Test subcontracted with address of the laboratory. : NA

Documents constituting this report (in words)
Number of Sheets : Six
Number of oscillograms/s : Nil
Number of graphs : Nil
Number of photos : Nil
Number of Test Circuit Diagrams : Nil
Number of Drawings : Six
1) Drg no: SVEPL/CPRI/TRT/01, SH No: 01, REV:R00
2) Drg no: SVEPL/CPRI/TRT/02, SH No: 02, REV:R00
3) Drg no: SVEPL/CPRI/TRT/03, SH No: 03, REV:R00
4) Drg no: SVEPL/CPRI/TRT/04, SH No: 04, REV:R00
5) Drg no: SVEPL/CPRI/TRT/05, SH No: 05, REV:R00
6) Drg no: SVEPL/CPRI/TRT/06, SH No: 06, REV:R00


(RAKESH. K.G)
TEST ENGINEER




(KARUNAKARA.K)
HEAD OF DIVISION
APPROVED BY

CENTRAL POWER RESEARCH INSTITUTE

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Test Report No.: CPRIBLRHRTL1819T0071

Dated: 24.09.2018 **CPRI**

Description of sample tested (rating as assigned by the manufacturer)

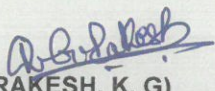
Test Sample : Main MV Panel
Serial Number : SVE/LT/002
Rated Voltage : 660V
Rated Current : 3200A
Short Time Current Rating : 50 kA/3 Sec
Frequency : 50 Hz
No of Phases : 3 Phase and Neutral

Details of ACB

Air Circuit Breaker Make : OMEGA (L&T)
Serial No : Z646990U
Rated Current (In) : 4000A
Rated Voltage (Ue) : 660/690V
Rated Frequency : 50/60Hz
Impulse Voltage (Uimp) : 12kV
Category : B

Bus-bar details

Main Horizontal Bus-bar : Aluminium Bus-bar of Size 150mm (w) x 12.5 mm (t)
Four runs in parallel per phase
Main Horizontal Neutral Bus-bar : Aluminium Bus-bar of Size 150mm (w) x 12.5 mm (t)
Two runs in parallel
Main Vertical Bus-bar : Copper Bus-bar of Size 80mm (w) x 12.5 mm (t)
Four runs in parallel per phase
Main Vertical Neutral Bus-bar : Copper Bus-bar of Size 80mm (w) x 12.5 mm (t)
Two runs in parallel
Earthing Bus-bar : Aluminium Bus-bar of Size 50mm (w) x 6 mm (t)
One run


(RAKESH. K. G)
TEST ENGINEER