

CENTRAL POWER RESEARCH INSTITUTE
(Member of STL)



CPRI

TEST REPORT

Test Report Number	SC171570	Dated: 5 th September, 2017
Name & Address of the Customer	M/s. Shri Vaari Electricals P Ltd., No: 100, Kuthampakkam Road, Chettipedu Mevalurkuppam, Thandalam, Chennai – 602105, Tamil Nadu, India.	
Name & Address of the Manufacturer	M/s. Shri Vaari Electricals P Ltd., No: 100, Kuthampakkam Road, Chettipedu Mevalurkuppam, Thandalam, Chennai – 602105, Tamil Nadu, India.	
Particulars of sample tested	AC Metal-enclosed switchgear and controlgear – VCB Panel	
Condition of the sample on Receipt	Good	
Type	Indoor	
Description of the test sample	11 kV 1250A VCB Panel	
Serial Number	SVE / 001	
Number of samples tested	One	
Date (s) of test (s)	31 st August, 2017	
CPRI sample code no(s).	HV2017S0851	
Particulars of tests conducted	Short-time withstand current and peak withstand current tests on main circuit	
Test in accordance with Standard / specification	Sub-clause 6.6 a) of IEC 62271-200:2011	
Sampling plan	Not applicable	
Customer's requirement	26.3 kA rms for 3.0 s & 65.75 kA peak on main circuit	
Deviations if any	Nil	
Name of the witnessing persons		
Customer's representative	Mr. B. Jagan Mohan, G. M - Operations	
Other than customer's representatives	None	
Test subcontracted with address of the laboratory	None	
Documents constituting this report (In words)		
Number of sheets	Five	
Number of oscillograms	One	
Number of graphs	Nil	
Number of photos	Four	
Number of test circuit diagrams	One	
Number of drawings	Six	


(Sakthivel. P)
Test Engineer




(Swaraj Kumar Das)
Joint Director

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

Test sample	VCB Panel
Type	Indoor
Serial number	SVE / 001
Rated voltage	11 kV
Rated current	1250 A
Rated insulation level	28 / 75 kV
Rated frequency	50 Hz
Number of phases	Three
Rated short-time withstand current & peak withstand current	26.3 kA rms for 3.0 s & 65.75 kA peak on main circuit
Details of VCB	12 kV, 1250A, 26.3 kA/3s Type: HVX-X Sl. No. V-7931015-5-3 Make: Schneider
Details of interrupters	Type: VG-2 Serial Nos. R - 00-2-MK007016 Y - 00-2-MK007017 B - 00-2-MK007018 Make: Schneider

Documents attached to this report

Oscillogram number (s)	SC171570.S01
Photograph number (s)	SC171570.PB1, SC171570.PA1, SC171570.PA2 & SC171570.PA3
Test circuit diagram number (s)	CRTL/SC/STC-03A
Drawing number (s)	SVE-001-01 REV. 0, SVE-001-02 REV. 0, SVE-001-03 REV. 0, SVE-001-04 REV. 0, SVE-001-05 REV. 0 & SVE-001-06 REV. 0


Test Engineer