

सी पी आर आई  
भारत

**CPRI  
INDIA**

परीक्षण रिपोर्ट  
**TEST REPORT**







**SHORT CIRCUIT LABORATORY  
CENTRAL POWER RESEARCH INSTITUTE**

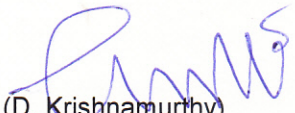


(Member of STL)

P.B.NO.8066, SADASHIVANAGAR POST OFFICE  
SIR C.V.RAMAN ROAD, BANGALORE - 560 080 (INDIA)  
Phone : +91 (0) 80 - 23602662 Fax : +91 (0) 80 - 23601213



Sheet 1 of 4

**TEST REPORT**

<b>Test Report Number</b>	SC08355A	<b>Dated:</b> 13 <sup>th</sup> August, 2008
<b>Name &amp; Address of the Customer</b>	M/s. Verghmens Electricals, 1/169 A, Ezhakkaranadu(s), P.O., Puthencruze (Via) - 682 308, Ernakulam (Dist), Kerala State	
<b>Name &amp; Address of the Manufacturer</b>	M/s. Verghmens Electricals, 1/169 A, Ezhakkaranadu(s), P.O., Puthencruze (Via) - 682 308, Ernakulam (Dist), Kerala State	
<b>Particulars of sample tested</b>	Low-voltage switchgear and control gear assemblies – LT Panel	
<b>Condition of the sample on Receipt</b>	New	
Type	Indoor, cubicle	
Designation	---	
Serial Number	---	
Number of samples tested	One	
Date (s) of test (s)	10 <sup>th</sup> July, 2008	
CPRI sample code no(s).	SC08S0909	
<b>Particulars of tests conducted</b>	Verification of the short-circuit withstand strength	
Test in accordance with Standard / specification	Sub-clause 8.2.3 of IS 8623 ( Part 1 ) : 1993 / IEC Pub 439-1 (1985) (Reaffirmed 2004)	
Sampling plan	Not applicable	
Customer's requirement	50 kA rms for 1.0 second & 105 kA peak on phase bus-bars	
Deviations if any	None	
<b>Name of the witnessing persons</b>		
Customer's representative	Mr. A. Narayana Swamy	
Other than customer's representatives	None	
Test subcontracted with address of the laboratory	None	
<b>Documents constituting this report (In words)</b>		
Number of sheets	Four	
Number of oscillograms	Two	
Number of graphs	Nil	
Number of photos	Two	
Number of test circuit diagrams	Two	
Number of drawings	Four	
 (D. Krishnamurthy) <b>Test Engineer</b>		 (B. R. Ravishankar) <b>Joint Director</b>

AUTHORISED SIGNATORIES





**CPRI**

**HEAT RUN TEST LABORATORY  
DIAGNOSTIC, CABLES & CAPACITORS DIVISION  
CENTRAL POWER RESEARCH INSTITUTE**

P.B.NO.8066, SADASHIVANAGAR SUB P.O  
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NABL Accredited  
Laboratory  
Cert.No.T- 0010  
Sheet 1 of 4

**TEST REPORT**

**Test Report Number**

: **DCCD - 10453**

**Dated: 08.08.2008**

**Name & Address of the Customer**

: M/s. Verghmens Electricals,  
1/169 A, Ezhakkarandu (S),P.O.  
Puthencruze (via),  
PIN 682308,EARNAKULAM, KERALA.  
Ref.No.Fax Dated:07.07.2008

**Name & Address of the Manufacturer**

: M/s. Verghmens Electricals,  
1/169 A, Ezhakkarandu (S),P.O.  
Puthencruze (via),  
PIN 682308,EARNAKULAM, KERALA.  
3200 Amps, L.T.Panel.

**Particulars of sample tested**

: 3200 Amps, L.T.Panel.

**Condition of the Sample on Receipt**

: Good  
Type : L.T. Panel  
Designation : Nil  
Serial Number : 1  
Number of samples tested : One  
Date(s) of Test(s) : 21.07.2008  
CPRI sample code no : SC08S0909

**Particulars of tests conducted**

: Temperature rise test at 3200 Amps

**Test in accordance with  
standard/specification**

: As per 8.2.1 of IS 8623 Part-1-1993/ IEC 60439 Part-I-  
1985.

**Sampling plan**

: Nil

**Customers requirement**

: Temperature rise test at 3200 Amps

**Deviations if any**

: Nil

**Name of the witnessing persons**

**Customers representatives**

: Mr. A. Narayanaswamy

**Other than Customers representatives**

: Nil

**Test subcontracted with address of the  
laboratory**

: NA

**Documents constituting this report (in  
words)**

**Number of Sheets**

: Four

**Number of oscillograms**

: Nil

**Number of graphs**

: Nil

**Number of photos**

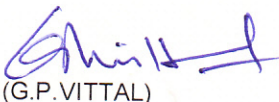
: Nil

**Number of Test Circuit Diagrams**

: Nil

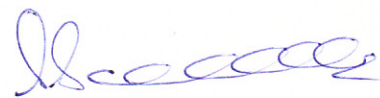
**Number of Drawings**

: Four 1) PP-08-GA-260 1OF 4 2) PP-08-GA-260 2OF 4  
3) PP-08-GA-260 3OF 4 4) PP-08-GA-260 4OF 4

  
(G.P. VITTAL)

**Test Engineer**





(A.SUDHINDRA)  
**Joint Director**

**AUTHORISED SIGNATORIES**