




CENTRAL POWER RESEARCH INSTITUTE
(Member of STL)



TEST REPORT

CPRI

Test Report Number	SC14381A	Dated: 25 th September, 2014
Name & Address of the Customer	M/s. Pragathi Controls Unit-2, No.9/16, 4th Main, J.C. Industrial Layout, Yelachanahalli, Kanakapura Road, Bangalore – 560 062.	
Name & Address of the Manufacturer	M/s. Pragathi Controls Unit-2, No.9/16, 4th Main, J.C. Industrial Layout, Yelachanahalli, Kanakapura Road, Bangalore – 560 062.	
Particulars of sample tested	Low-voltage switchgear and controlgear assemblies - 415 V 4000 A Distribution Panel consisting of incoming circuit, 3 phase and neutral bus-bars, outgoing circuits & protective circuit	
Condition of the sample on Receipt	Good	
Type	Indoor, cubicle	
Designation	LV Switch Board	
Serial number	094399	
Number of samples tested	One	
Date (s) of test (s)	11 th , 12 th , 14 th , 18 th , 19 th & 20 th August, 2014	
CPRI sample code no(s).	DCCDHRT14S0053	
Particulars of tests conducted	Verification Tests (Refer Sheet 3 of 19)	
Test in accordance with Standard / specification	Sub-clause 10.9, 10.13, 10.4, 10.2.6, 10.11.5.3.3, 10.11.5.3.5, 10.11.5.3.2, 10.5, 10.2.7, 10.2.5, 10.2.3.3, 10.8 & 10.6 of IEC 61439-1: 2011 & IEC 61439-2:2011	
Sampling plan	Not applicable	
Customer's requirement	(i) 50 kA rms for 1.0 s & 105 kA peak on main bus-bars (ii) 30 kA rms for 1.0 s & 63 kA peak on neutral bus-bar and protective circuit (iii) Conditional short-circuit test at 50 kA rms on outgoing feeders	
Deviations if any	Nil	
Name of the witnessing persons		
Customer's representative	Mr. K. N. Murali, Manager & Mr. Lakshimikantha	
Other than customer's representatives	None	
Test subcontracted with address of the laboratory	None	
Documents constituting this report (In words)		
Number of sheets	Nineteen	
Number of oscillograms	Twenty two	
Number of graphs	Nil	
Number of photos	Fourteen	
Number of test circuit diagrams	Five	
Number of drawings	Ten	
 (N. Maheswara Rao) Test Engineer		 (Swaraj Kumar Das) Joint Director