

ASTA CERTIFICATE of Verification Tests

Laboratory Ref. No: LSWGWO0108713/01/1

APPARATUS: 1600A, 415/690V/6kVp($U_e/U_i/U_{imp}$), 50Hz Extendable Power Switchgear and Controlgear Assembly incorporating a three-phase and neutral horizontal and vertical busbar system with 1 incoming ACB unit, 7 outgoing MCCBs units and a protective circuit.

DESIGNATION: 415V SWITCH BOARD

VENDOR: Load Controls India Pvt Ltd, # 57/6, 19th Main, Tank Bund Road, NS Palya, BTM 2nd Stage, Bangalore - 560076

TESTED BY: Electrical Research & Development Association
ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, Gujarat, INDIA.

DATES OF TESTS: 24th January to 15th February 2013

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with

IEC 61439-1 & 2: Edition 2.0 2011-08

Verifications with reference to the tests listed in Annex D:

- | | |
|--|--------------------------------------|
| 1: Strength of materials and parts | 9: Dielectric properties |
| 2: Degree of protection | 10: Temperature-rise |
| 3: Clearances | 11: Short-circuit withstand strength |
| 4: Creepage distances | 12: EMC compatibility |
| 5: Protection against electric shock | 13: Mechanical operation |
| 6/7/8: no verification by testing required | |

Refer to pages A, B and C for ratings

The results are shown in the record of Proving Tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated on the ratings page(s).

This certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.

This certificate comprises this front sheet, 3 rating pages plus 105 other pages as detailed on page 1 & 2

Only integral reproductions of this whole certificate or reproductions of this page accompanied by any ratings pages are permitted.

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Rajani Menon
ASTA Observer

Certification
Manager

25th September 2013

Date