

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G104214927 **Certificate No:** ASTA-TYPE-00039R1

Applicant: Mitsubishi Electric India Pvt. Ltd.
EL 3, J Block, MIDC Bhosari, Pune-400026, MAHARASHTRA India.

Apparatus: 5000A, 415V/690V/6kV ($U_e = U_n / U_i / U_{imp}$), 50/60-Hz extendable force ventilated power switchgear and controlgear assembly incorporating three-phase and neutral vertical and horizontal painted black aluminium busbars system with Mitsubishi Electric switchgears one incoming ACB unit, two outgoing ACB units, three outgoing MCCB units and a protective circuit.

Manufactured By: Mitsubishi Electric India Pvt. Ltd.
EL 3, J Block, MIDC Bhosari, Pune-400026, MAHARASHTRA India.

Assembled By: Modutec Ready Panels Pvt. Ltd.
No.03, Sy No:105, Uttari Road, K. Aswath Industrial Layout,
Off Kanakapura Road, Kaggalipura, Bangalore-560116.

Test Report No: WO-1920-005205

Designation: 5000 Amps, 415 Volts PCC PANEL, Make: METTA

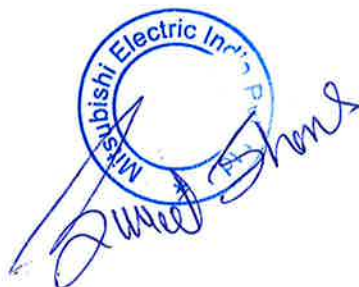
The apparatus which is representative of the designation, supplied drawings and photographs has been evaluated in accordance with:

IEC 61439-2: Edition 2.0 2011-08 & BS EN 61439-2: 2011

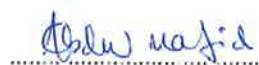
Verifications with reference to the tests listed in Annex D of IEC 61439-1: Edition 2.0 2011-08

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| 1: Strength of material and parts | 6/7/8: No verification by testing required |
| 2: Degree of protection of enclosures | 9: Dielectric properties |
| 3: Clearances | 10: Temperature-rise limits |
| 4: Creepage distances | 11: Short-circuit withstand strength |
| 5: Protection against electric shock and integrity of protective circuits | 12: Electromagnetic compatibility (EMC) |
| | 13: Mechanical operation |

The results are shown in the record of 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) of this Certificate. This Certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.




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Certification Engineer



Certification Officer

28th January 2020

Date of Issue