

ASTA Certificate

of Verification Tests

Laboratory Ref. No: S180530062 and YZY18/101349-A

Apparatus: 3200 A, 415 V / 690 V / 8 kV ($U_n=U_e / U_i / U_{imp}$), 50 Hz, IP43, Form 4b, Power Switchgear and Controlgear Assembly (PSC-Assembly) incorporating one three-phase and neutral extendable horizontal and one vertical tinned copper busbar system, one incoming 4 pole withdrawable ACB unit, one outgoing 3 pole fixed type MCCB unit and a protective circuit.
The PSC-Assembly is suitable for indoor use and has metallic enclosures.

Designation: GMI/3200/ASTA/MSB

Manufacturer: GOLDEN MAYA INDUSTRIES SDN. BHD. (COMPANY NO. 168869-X)
NO. 19&21, JALAN MUTIARA EMAS 5/22, TAMAN MOUNT AUSTIN, 81100 JOHOR BAHRU, JOHOR, MALAYSIA.

Tested By: Intertek Testing Services (Guangzhou) Ltd.
No. 3-1, Xinhai Xinyi Road, Huangge Town, Nansha District, Guangzhou City, China
Guangdong Testing Institute of Product Quality Supervision-Dongguan (GQI-Dongguan),
No.68, Xihu East Road, Shilong Town, Dongguan City, Guangdong Province, CHINA

Date(s) of tests: 7th January to 1st February 2019

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 61439-2: Edition 2.0 2011-08

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

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

For ratings assigned by the manufacturer and proved by the tests see pages 1 to 4

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, 4 rating pages, plus 97 other pages and 14 drawings as detailed on page 8.

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

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Chris Yu

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ASTA Observer

R. Hayward

Certification
Manager

24th June 2019

Date