



ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: S230008 **Certificate No:** ASTA-TYPE-0001817

Applicant: VietPower Switchboard Manufacture Corporation
R10, Ground floor, Topaz Twins Building, No. 1 Street Area 7,
Thong Nhat Wards, Bien Hoa City, Dong Nai Province, Vietnam

Apparatus: 2000A, 415V/690V/1000V; 800V/12kV; 8kV (Ue/Un/Ui/Uimp), 50Hz, IP43,
Form 4b Power Switchgear and Controlgear Assembly (PSC-Assembly)
incorporating three-phase with neutral bare copper conductor main busbars.
One incoming ACB distribution circuit, one outgoing MCCB circuit, one vertical
zone busbars circuit and a protective earth busbar circuit. 1000V/12kV (Ui/Uimp)
for ACB circuit and main busbars. 800V/8KV (Ui/Uimp) for MCCB circuit.
The PSC-Assembly is suitable for indoor use and has a metallic enclosure with
one lockable swing doors each access to ACB and MCCB. At the top are cap
covering chimneys for natural air ventilation.

Manufactured By: VietPower Switchboard Manufacture Corporation
79, Group 6, Tan Lap Quarter, Phuoc Tan Ward, Bien Hoa City,
Dong Nai Province, Vietnam

Test Report No: YDY22-001431/YDY21-00673/YDY23-00219/YDY22-01430

Designation: VSM-2000A

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

IEC 61439-2: Edition 3.0 2020-07

Verifications with reference to the tests listed in Annex D of IEC 61439-1: Edition 3.0 2020-05

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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) |

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



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Punith Lingamurthy
Certification Engineer

David Sim
Certification Officer

22 May 2023

Date