



# ASTA TYPE CERTIFICATE VERIFICATION OF TEST

**Project No:** S230003

**Certificate No:** ASTA-TYPE-0002114R1

**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:**

5000A, 415V/690V/1000V/12kV ( $U_e/U_n/U_i/U_{imp}$ ), 50Hz, IP43, Form 4b  
Power Switchgear and Controlgear Assembly (PSC-Assembly) incorporating  
three-phase with neutral bare copper conductor main busbar.  
One incoming ACB distribution circuit, one outgoing ACB circuit and a  
protective earth busbar circuit.  
The PSC-Assembly is suitable for indoor application, natural air ventilation  
with top hat covering chimney, and has a metallic enclosure.

**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:**

YDY22-001385/YDY21-00673

**Designation:**

VSM-5000A

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

|                                                                              |                                            |
|------------------------------------------------------------------------------|--------------------------------------------|
| 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<br>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  
with the Manufacturer.



*Punith*

**Punith Lingamurthy**  
Certification Engineer

*David*

**David Sim**  
Certification Officer

26 October 2023

Date