



# ASTA TYPE CERTIFICATE VERIFICATION OF TEST

**Project No:** S230007 **Certificate No:** ASTA-TYPE-0001816R1

**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:** 1600A, 690V/415V/1000V; 750V/12kV; 8kV ( $U_n/U_e/U_i/U_{imp}$ ), 50Hz, IP43, Form 4b Power Switchgear and Controlgear Assembly (PSC-Assembly) incorporating three-phase with neutral tinned plated copper conductor main busbars. One incoming ACB distribution circuit, one outgoing MCCB unit, one vertical zone busbars circuit and a protective earth busbar circuit.  
The PSC-Assembly is suitable for indoor use and has a metallic enclosure with two lockable swing doors access to ACB. 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:** YDY22-001430/YDY21-00673/YDY22-001431

**Designation:** VSM-1600A

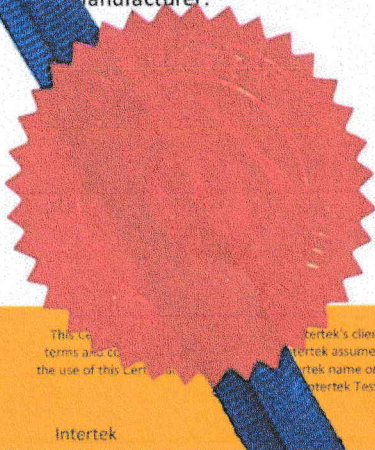
The apparatus which is representative of the designation, supplied drawings and photographs has been evaluated in accordance with:

**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 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 Manufacturer.



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*Punith*  
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*Punith Lingamurthy*  
Certification Engineer

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*Ong Keng Chuan*  
Certification Officer

13 September 2023  
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Date

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