

# ASTA TYPE CERTIFICATE

## VERIFICATION OF TEST

**Project No:** G105878930LCS002 **Certificate No:** ASTA-TYPE-0003387

**Applicant:** Techno Electro Power Industrial WLL  
Building 765, Road 4811, Block 948, Lhassay Area, Kingdom of Bahrain

**Apparatus:** 630A, 415V/800V/8KV ( $U_e/U_i/U_{imp}$ ), 50/60Hz, power switchgear and controlgear (PSC) assembly incorporating a three-phase and neutral vertical tin plated copper busbar system with one incoming MCCB unit, nine outgoing MCCB units and a protective circuit.  
IP54, Form 2b, 50kA for 1 sec., IK10, mean/maximum ambient temperature 50°C/55°C.

**Manufactured By:** Techno Electro Power Industrial WLL  
Building 765, Road 4811, Block 948, Lhassay Area, Kingdom of Bahrain

**Test Report No:** 2410.07.02

**Designation:** 630A SMDB TYPE TEST PANEL

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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*Sreekumar*  
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Sreekumar P  
Certification Engineer

*C. Mick-Evans*

Craig Diack-Evans  
Certification Officer

24<sup>th</sup> April 2025

Date