

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G105878930LCS001 **Certificate No:** ASTA-TYPE-0003386

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

Apparatus: 1600A, 415V/800V/8kV ($U_e/U_i/U_{imp}$), 50Hz, power switchgear and controlgear assembly (PSC-Assembly) incorporating a three-phase and neutral vertical and horizontal tin plated copper busbar system with one incoming ACB unit, four outgoing MCCB units and a protective circuit.
IP54, Form 4b type 6, 50kA for 1 sec., IK10, mean/maximum ambient temperature of 50/55°C
 $U_i/U_{imp} = 1000V/12kV$ for the incoming ACB, VBB and HBBs

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

Test Report No: 2410.07.01

Designation: 1600A-MDB-TYPE TEST PANEL-HYUNDAI

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 and BS EN 61439-2, 2011

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.



0010

Abdul Majid

Abdul Majid
Certification Engineer

C. Diack-Evans

C Diack-Evans
Certification Officer

23rd June 2025

Date