

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G104669077LCS001 **Certificate No:** ASTA-TYPE-0001174

Applicant: Techno Electro Power Industrial S.P.C,
P.O. Box: 31390, Manama, Kingdom of Bahrain.

Apparatus: 520A (800A for the main busbar) 415V/690V/6kV ($U_e/U_i/U_{imp}$), 50Hz Power Switchgear and Controlgear assembly incorporating a three-phase and neutral vertical tinned copper busbar system with one incoming MCCB unit, six outgoing MCCB units and a protective circuit.

Manufactured By: Techno Electro Power Industrial W.L.L, Building No.: 765, Road 4811, Block No. 948, Lhassay Area, Manama, Kingdom of Bahrain.

Test Report No: 2007.22.01

Designation: SUB MAIN 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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Mayur Panchal
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Robert Hayward
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Certification Engineer
Mayur Panchal

Certification Officer
Robert Hayward

22nd February 2022
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Date