

ASTA TYPE CERTIFICATE VERIFICATION OF TEST

Project No: G104332534LCS003 Certificate No: ASTA-TYPE-000341

- Applicant:RR Busduct Power Distribution Equipment Manufacturing LLC, Plot No. 5974904, Warehouse No. 4, Near Pepsi Bottlers, DIP 2, Dubai, U.A.E.
- Apparatus:1600A, TPNHE, 1000V/1000V/8kV ($U_e/U_i/U_{imp}$), 50Hz (I_{nA} = 1520A @ 60Hz),
single-stack busbar trunking system, with class F epoxy coated tin plated
copper busbars with outer layer polyester wrapped in a aluminium enclosure
comprising of two flanged ends, two straight lengths and three joint sections.
- ManufacturedRR Busduct Power Distribution Equipment Manufacturing LLC, Plot No. 597By:4904, Warehouse No. 4, Near Pepsi Bottlers, DIP 2, Dubai, U.A.E.
- **Test Report No:** 01060336-4

Designation: RRP160CPHSFLI65 / GUARDEX PLUS

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

IEC 61439-6: Edition 1.0 2012-05 Clauses 10.2, 10.3, 10.4, 10.5, 10.9, 10.10, 10.11, 10.12 and Annex BB

Verifications with reference to the tests listed in Annex D of IEC 61439-6: Edition 1.0 2012-05

- 1: Strength of material and parts
- 2: Degree of protection of enclosures
- 3: Clearances
- 4: Creepage distances
- 5: Protection against electric shock and integrity of protective circuits
- Annex BB : Phase conductor characteristics
- 6/7/8:No verification by testing required9:Dielectric properties10:Temperature-rise limits
- 11: Short circuit withstand strength
- 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.





Certification Engineer

Certification Officer

24th December 2020

Date

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