

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

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

Applicant: RR Busduct Power Distribution Equipment Manufacturing LLC, Plot No. 597 4904, 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.

Manufactured By: RR Busduct Power Distribution Equipment Manufacturing LLC, Plot No. 597 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	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)

Annex BB : Phase conductor characteristics

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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Certification Engineer

Certification Officer

24th December 2020

Date