

ASTA Certificate

of Selected Verification Tests

Laboratory Ref. No: 2670.2090804.0623

APPARATUS: 800 A / 415 V / 690 V / 6 kV ($I_{nA}/U_n/U_i/U_{imp}$), 50 Hz Power switchgear and controlgear assembly consisting of: a three-phase and neutral main busbar system, a protective busbar, an incoming MCCB and six outgoing circuits with MCCBs

DESIGNATION: SMDB 800A

MANUFACTURER: Ercon Middle East Industries F.Z.E.
P.O. Box 3026, Ajman Free Zone, AJMAN, UNITED ARAB EMIRATES

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH
Landsberger Allee 378 A, 12681 Berlin, GERMANY

DATE(S) OF TESTS: 07 to 10 September 2009

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with

IEC 61439-2: Edition 1.0 2009-01

Verifications with reference to the tests listed in Annex D:

- | | | | |
|----|-----------------------------------|-----|----------------------------------|
| 1: | strength of material and parts | 8: | dielectric properties |
| 2: | degree of protection | 10: | short-circuit withstand strength |
| 3: | clearances and creepage distances | 12: | mechanical operation |
| 4: | protection against electric shock | | |

Refer to page 1 for ratings

The results are shown in the record of Proving 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). This certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.

This Certificate comprises this front sheet, 1 rating page plus 54 other pages as detailed on pages 3 and 4.

Only integral reproductions of this whole certificate or reproductions of this page accompanied by any ratings pages are permitted.

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ASTA Observer
R. Borchert

Certification Manager

9TH SEPTEMBER 2010

Date