

# ASTA Certificate

## of Selected Verification Tests

Laboratory Ref. No: 1624.2101573.1008

APPARATUS: 5000 A / 415 V / 690 V / 6 kV ( $I_{ns}/U_n/U_i/U_{imp}$ ), 50 Hz power switchgear and controlgear assembly consisting of: a three-phase and neutral main busbar system, a protective busbar, an incoming circuit with ACB and two outgoing circuits with ACB

DESIGNATION: 5000A Test Assembly

MANUFACTURER: GERSAN Elektrik Tic. ve San. A. S.  
Tuzla Mermerciler Org. San. Bölgesi  
yanyol cad. no. 8  
P.K:57 Tuzla-Istanbul, Turkey

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

DATE(S) OF TESTS: 02 to 28 February 2011

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 (10.2.3.2 only) | 4: protection against electric shock |
| 2: degree of protection of enclosures             | 8: dielectric properties             |
| 3: clearances and creepage distances              | 9: temperature-rise                  |

Refer to pages 1 and 2 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, 2 rating pages plus 33 other pages as detailed on page 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  
M. Heise

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Certification Manager

15<sup>th</sup> May 2011  
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Date

