

# ASTA

## CERTIFICATE OF SELECTED TYPE TESTS

Laboratory Ref. No: 1624.2081302.879

Certificate No. 17029

**APPARATUS:** 450 A / 400 V / 690 V / 8 kV ( $I_n$  /  $U_e$  /  $U_i$  /  $U_{imp}$ ), 50 Hz low-voltage switchgear assembly incorporating a three-phase vertical main busbar system and twelve horizontal outgoing circuits

**DESIGNATION:** GDB 450R12

**MANUFACTURER:** GERSAN Elektrik Tic. ve San. A. S.  
Tuzla Mermerciler Org. San. Bölgesi  
yanyol cad. no. 6  
P.K:57 TUZLA-ISTANBUL  
TURKEY

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

**DATE(S) OF TESTS:** 11 to 28 November 2008

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 60439-1: 2004-04, Sub-clauses 8.2.1, 8.2.2, 8.2.3 and 8.2.4**

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

**For ratings assigned by the manufacturer and proved by the tests see Page 1.**

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 42 pages, 5 diagrams, 10 oscillograms, 10 photographs, 3 drawings and no other sheets.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from Intertek, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.



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*[Signature]*  
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*[Signature]*  
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26th May 2010  
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ASTA Observer  
R. Borchert  
Certification  
Manager

Date