

# ASTA TEST REPORT

Laboratory Ref. No: 1624.2101573.1092 Test Report No. 2372

**APPARATUS:** 5000 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 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. 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:** 28 February 2011

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this test report has been tested in accordance with Client's instructions.

The test procedure and test parameters were based on

IEC 61439-2: Edition 1.0 2009-01

Verifications with reference to the tests listed in Annex D:

Short-circuit withstand test of the main busbar, Sub-clause 10.11.5.3

## This is not a certificate of rating.

A certificate of rating was not issued as not all components of the switchgear assembly were tested.

The documents forming this Test Report are:

Record of Proving Tests:	Pages 1 to 16
Diagram No.	1
Oscillogram Nos.	111 1362, 111 1364, 111 1365
Photograph No.	1
Drawing No.	PRD-001 000, 4 Pages

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



*H. Glabsch*  
ASTA Observer  
*P. Glabsch*  
Certification  
Manager  
19<sup>TH</sup> OCTOBER 2011 Date