

Type Test Certificate of Verification of temperature-rise limits
 Verification of the dielectric properties
 Verification of the short-circuit withstand strength
 Verification of the effectiveness of the protective circuit
 Verification of the clearances and creepage distances

Apparatus Three-Phase and Neutral Horizontal Busbars, Three Phase Vertical Busbars, Three Phase Incoming Circuit Connections and Three Phase Outgoing Circuit Connections in a Two Panel Type Tested Assembly Suitable for Type TT and TN Systems.

Designation "Form Four b (4b) GEDAC Switchboard " IP41
 Rated voltage 480 V ; Rated normal current 3200 A ; Rated frequency 50/60 Hz

Manufacturer GEDAC ELECTRIC - Jeddah (Saudi Arabia)

Tested for AL SABER Co. - Riyadh (Saudi Arabia)

Date(s) of tests from September 7, 2005 to September 9, 2005

Tested by CESI S.p.A. - Milano - ITALY

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in the reference documents, identified 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, 8.2.4 and 8.2.5

The results are shown in the record of Proving Tests and the oscillograms attached in the Test Reports. The values obtained and the general performance are considered to comply with the above Standards and to justify the ratings assigned by the Manufacturer as listed on page No.2 .

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

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Prepared PeC - U- Leva

Approved PeC - M. De Nigris

CESI
 CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO
 Business Unit
 Prove e Componenti
 Il responsabile del Laboratorio