

TEST CERTIFICATE

APPROVED

B5023935

Test Certificate of	Clearances and creepage distances Protection against electric shock and integrity of protective circuits Dielectric properties Short-circuit withstand strength
Apparatus	Power switchgear and controlgear assembly
Designation	1600 A 8-Way LV Distribution Board for 1000 kVA pocket substation Rated insulation voltage 500 V ; Rated current 1600 A ; Rated frequency 50 Hz
Manufacturer	Emirates Transformer & Switchgear Ltd. P.O. Box 16842, Jebel Ali, Dubai, U.A.E.
Client	Emirates Transformer & Switchgear Ltd. P.O. Box 16842, Jebel Ali, Dubai, U.A.E.
Tested by	IPH - Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH Landsberger Allee 378A, 13681 Berlin, Germany
Tests date	from September 16, 2015 to September 18, 2015

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 61439-1: 2011-08, Sub-clauses 10.4, 10.5, 10.9, 10.11
IEC 61439-2: 2011-08

This Test Certificate has been issued by CESI in accordance with above mentioned Standard(s).

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 Standard(s) and to justify the ratings assigned by the Manufacturer as listed on page No. 3.

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.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any pages on which are stated the endorsed ratings of the apparatus tested, are permitted without written permission from CESI.

No. of pages 4 **No. of pages annexed** -

Issue date November 18, 2015

Prepared Eberschulz Lars (IPH ILV)
B5023935 2269249 AUT

Verified PSV - Colombo Piero, Borchert Ronald (IPH ILV)
B5023935 2158654 VER B5023935 2340623 VER

Approved PMI - The Manager - Arcidiaco Lorenzo
B5023935 821814 APP

CESI S.p.A.
Testing & Certification Division
Testing Operations Area
"Milan Platform"
Manager
Lorenzo Arcidiaco