

Type Test Certificate

of Complete Performance

Test object	Three-phase oil-immersed power transformer, for continuous duty, with external cooling by air natural convection
Designation	X1000-SFE-016-F01 Rated power 1000 kVA ; Rated voltages 11/0,433 kV ; Rated frequency 50 Hz
Manufacturer	ALFANAR ELECTRICAL SYSTEMS - P.O. Box 564 - 11383 Riyadh - Saudi Arabia
Tested for	ALFANAR ELECTRICAL SYSTEMS - P.O. Box 564 - 11383 Riyadh - Saudi Arabia
Date(s) of tests	from June 11 to June 19, 2018
Tested by	CESI S.p.A. Via Rubattino 54 20134 Milano - Italy

The test object, constructed in accordance with the description, drawings and photographs incorporated in this document has been subjected to the series of proving tests in accordance with STL Guides and:

IEC 60076-1 (2011-04), clauses 11.2 to 11.5
IEC 60076-2 (2011-02), clause 7
IEC 60076-3 (2013-07), clauses 10, 11.2 and 13.2
IEC 60076-5 (2006-02), clause 4.2
IEC 60076-10 (2016-03), clause 11

This Type Test Certificate has been issued by CESI following exclusively the STL Guides. 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 listed on the ratings page. The Certificate applies only to the test object. The responsibility for conformity of any equipment having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 5 sheet in total.

July 05, 2018

Date of issue

Magistris Paolo
B8014171 3845 AUT
STL Member Laboratory

The Manager - Arcidiaco Lorenzo
B8014171 821814 APP
STL Member

Document Digitally Signed

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the endorsed ratings of the test object, are permitted without written permission from CESI.
The authenticity of this document is guaranteed by the integrity of hologram.



LAB N° 0030

The laboratory meets the requirements of the Standard EN ISO/IEC 17025: 2005 "General Requirements for the Competence of Testing and Calibration Laboratories". The in force status of the accreditation and the list of accredited tests may be checked in the WEB site: www.accredia.it

