

TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE

APPARATUS A three-phase, oil-immersed type distribution transformer

DESIGNATION Three-phase distribution transformer **SERIAL No.** 113542463

Rated power	1000 kVA
Rated voltage	22 kV \pm 2,6% / 0,400 kV
Connection symbol	Dyn11
Rated frequency	60 Hz

MANUFACTURER Egytrafo,
Cairo, Egypt

TESTED FOR Egytrafo,
Cairo, Egypt

TESTED BY KEMA HIGH-POWER LABORATORY
Utrechtseweg 310 - 6812 AR Amhem - The Netherlands

DATE(S) OF TESTS 16 November to 20 December 2011

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 60076-5 (2006)

This Type Test Certificate has been issued by KEMA 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 with respect to the dynamic ability to withstand short-circuits.

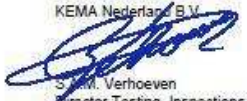
This Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate consists of 40 sheets in total.

This Certificate falls under the scope of the accreditation certificates L 020 and L 218 of the Dutch Council for Accreditation. See information sheet (page 2).

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KEMA Nederland B.V.



S. M. Verhoeven
Director Testing, Inspections &
Certification The Netherlands

Amhem, 12 March 2012