

KEMA TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE

Object A three-phase oil-immersed power transformer **2086-16**

Type ELT-100000 **Serial No.** YT-15-1626

Rated power 80 MVA / 100 MVA
 Rated voltage 154 kV ± 12 x 1,25% / 33,6 kV
 Connection symbol YNyn0
 Rated frequency 50 Hz

Manufacturer ELTAS,
Izmir, Turkey *)

Client ELTAS,
Izmir, Turkey

Tested by KEMA Nederland B.V.,
Arnhem, The Netherlands

Date of tests 2 February, 10 to 14 March and 10 May 2016

The object, 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 Certificate has been issued by DNV GL 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 object tested. The responsibility for conformity of any object having the same type references as that tested rests with the Manufacturer.

*) as declared by the manufacturer

This Certificate consists of 161 pages in total.

KEMA Nederland B.V.



J.P. Fonteijne
 Executive Vice President
 KEMA Laboratories



Laboratories

Arnhem, 22 July 2016