

KEMA TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE

Object A three-phase oil-immersed outdoor type power transformer with on-load tap changer **2067-19**

Type 3-phase power transformer **Serial No.** YT-17-3264

Rated power 50 MVA / 62,5 MVA
 Rated voltage 154 kV ± 12 x 1,25% / 33,6 kV
 Connection symbol YNyn0
 Rated frequency 50 Hz

Manufacturer Eltaş Transformatör A.Ş.,
 A.O.S.B. 10046 Sok, No.4, Çigli, Izmir, Turkey *)

Client Eltaş Transformatör A.Ş.,
 A.O.S.B. 10046 Sok, No.4, Çigli, Izmir, Turkey

Tested by KEMA B.V.,
 Utrechtseweg 310, Arnhem, the Netherlands

Date of tests 25 March and 14, 15 May 2019

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 174 pages in total.

KEMA B.V.



Shankar Subramany
 Director, High-Power
 Laboratory



Laboratories

Arnhem, 17 June 2019