

# KEMA TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE

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was issued to

**Astor Transformers A.S.**

Ankara, Turkey

for the test object:

A three-phase oil-immersed

**power transformer**

Type: PTR 31250/170G

Rating: 31,25 MVA – 154 kV  $\pm$  12  $\times$  1,25% / 33,6 kV – Ynyn0 – 50 Hz

manufactured by

**Astor Transformers A.S.**

Ankara, Turkey

The test object has successfully passed the required type tests of

**IEC 60076-5**

The test results are recorded in Certificate No.

**2432-17**

This Certificate was issued on 14 February 2018

DNV GL Netherlands B.V.



J.P. Fonteijne

Executive Vice President

KEMA Laboratories

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Please note that this document has been issued for information purposes only, and that the original bound and sealed paper copy of the Certificate including the results of the tests of the object will prevail. This document does not imply that DNV GL has certified or approved any object other than the specimen tested.