

Type Test Certificate of Dielectric performance and short-circuit performance

Apparatus Oil-immersed power transformer

Designation 33153319

Rated power 315 kVA ; Rated voltages 33/0,4 kV ; Rated frequency 50 Hz

Manufacturer QTC Energy Public Company Limited
2/2 Soi Krungthep Kritha 8(5), Huamark, Bangkok, 10240 Bangkok – Thailand

Client QTC Energy Public Company Limited
2/2 Soi Krungthep Kritha 8(5), Huamark, Bangkok, 10240 Bangkok – Thailand

Tested by CESI S.p.A. Milan, Italy

Tests date from May 19, 2014 to May 23, 2014

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in the reference documents identified in this Certificate, has been subjected to the series of proving tests in accordance with

IEC 60076-3 (2013) Clause 13.2
IEC 60076-5 (2006) Clause 4.2

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 in the Test Reports. 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 page No. 3.

The 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.

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No. of pages 4 **No. of pages annexed** -

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CESI S.p.A.

Testing & Certification Division
Testing Operations Area

"Milan Platform"

Manager

PAD B4020107 (1985933) - CONFIDENTIAL USE

Mod. RPRO v. 8