

**type test certificate of** short-circuit performance  
**apparatus** oil-immersed transformer  
**designation** 41002030  
 rated power 1000 kVA; rated voltage 22/0,4 kV; rated frequency 50 Hz  
**manufacturer** QUALITY TRANSFORMER Co. Ltd. - Bangkok (Thailand)  
**tested for** QUALITY TRANSFORMER Co. Ltd. - Bangkok (Thailand)  
**date(s) of tests** from June 23 to 25, 2003  
**tested by** CESI S.p.A. - Milano - ITALY

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

IEC 60076-5 (2000)

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 and to justify the ratings assigned by the Manufacturer as listed on page no. 2.

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** 3  
**issue date** July 2, 2003  
**prepared** PeC - F. Pizzi  
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**CESI**  
 CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO  
 Business Unit  
 Prove e Componenti  
 Il Responsabile del Laboratorio