

test certificate of special test to prove suitability to climatic class C2  
special test to prove suitability to environmental class E2  
special test to prove suitability to fire behaviour class F1

apparatus dry-type power transformer

designation POWERCAST  
rated power 1000 kVA; rated voltage 15/0.4 kV; rated frequency 50 Hz

manufacturer EFACEC ENERGIA - Empresa Fabril de Máquinas Eléctricas  
S. Mamede de Infesta - PORTUGAL

tested for EFACEC ENERGIA

date(s) of tests June 13 to September 8, 2000

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

CENELEC HD 464 S1/A2 (1991) annexes ZA and ZB, HD 464 S1/A3 (1992) annex ZC

this test certificate has been issued by CESI in accordance with above mentioned standards.

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 standards 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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issue date October 15, 2000

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**CESI**

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