

type test certificate of Short-circuit and switching performances
apparatus Pole of a three-pole SF6 circuit-breaker
designation 400-SFM-40A
 rated voltage 420 kV; rated normal current 3150 A; rated frequency 50 Hz
manufacturer CROMPTON GREAVES Ltd. - Nasik - INDIA
tested for CROMPTON GREAVES Ltd. - Nasik - INDIA
date(s) of tests from February 10, 2003 to February 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 62271-100 (2001)

Sub-clauses 6.6, 6.102 to 6.106, 6.109, 6.110, 6.111 (line-charging and cable-charging)

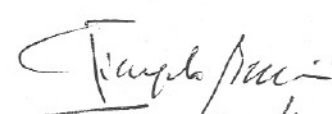

this Type Test Certificate has been issued by CESI following exclusively the STL Guides.

the results are shown in the record of Proving Tests and the oscillograms attached in the Test Report. 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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no. of pages 3
issue date June 10, 2003
prepared PeC - P. BECCARINI
verified PeC - F. LO MONACO
approved PeC - V. SCARIONI

CESI
 CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO
 Business Unit
 Prove e Componenti
 Il Responsabile del Laboratorio