Approved

Type Test Certificate of	Short-circuit and switching performances
Apparatus	Three-pole SF6 gas-insulated fast earthing switch with common enclosure and operating mechanism, for installation in GIS configuration
Designation	GRE-A
	Rated voltage 145 kV ; Rated frequency 50 Hz
Manufacturer	TENAGA Switchgear Sdn Bhd - MALAYSIA
Tested for	TENAGA Switchgear Sdn Bhd - MALAYSIA
Date(s) of tests	from November 25, 2004 to July 6, 2005
Tested by	CESI S.p.A. – Milano – ITALY

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 62271-02 (2003) Sub-clauses 6.5, 6.101 and 0.107

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 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

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S.p.A. **Energy Division** Technical Area Components Testing Laboratories" Manage COMPUS

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