

**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** JWG1-145 I  
Rated voltage 145 kV ; Rated frequency 50 Hz

**Manufacturer** XI'AN SHIKY High Voltage Electric Co. Ltd. – XI'AN - P.R. CHINA

**Tested for** XI'AN SHIKY High Voltage Electric Co. Ltd. – XI'AN - P.R. CHINA

**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 62271-102 (2003)  
Sub-clauses 6.6, 6.101 and 6.107

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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