

**Type Test Certificate of** Short-circuit performance, Switching performance

**Apparatus** Single-pole of a three-pole 245 kV SF6 (GIS) gas-insulated metal-enclosed circuit-breaker with single operating mechanism

**Designation** GEDB-2443-NSSR  
Rated voltage 245 kV ; Rated normal current 3150 A ; Rated frequency 50/60 Hz

**Manufacturer** LS Industrial System Co. Ltd.  
68, 201 beon-gil, Wolmyeong-ro, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 361-720, Korea

**Client** LS Industrial System Co. Ltd.  
68, 201 beon-gil, Wolmyeong-ro, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 361-720, Korea

**Tested by** CESI S.p.A., Milan, Italy

**Tests date** from May 12, 2014 to March 4, 2015

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 62271-100 (2008)**  
**Clauses 6.6, 6.102 to 6.106, 6.109, 6.110 and 6.111 (Cable and line-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 Reports. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the Manufacturer as listed on page No. 3.

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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PAD B5013327 (2104881) - CONFIDENTIAL USE

Mod. RPRO v. 8