

## STL Type Test Certificate of Short-Circuit Performance

Test object	Three-phase 145 kV 40 kA SF6 (GIS) gas-insulated metal-enclosed circuit-breaker with three-phase in one enclosure and with common operating mechanism.
Designation	SSCB02 Rated voltage 145kV ; Rated normal current 3150 A ; Rated frequency 60 Hz
Manufacturer	Shanghai Sieyuan High Voltage Switchgear Co., Ltd. No. 3399 Huaning Road, Minhang District 201108 Shanghai China
Tested for	Sieyuan Electric Co.,Ltd. Shanghai Sieyuan High Voltage Switchgear Co., Ltd. No. 3399 Huaning Road, Minhang District 201108 Shanghai China
Date(s) of tests	November 29, 2019 to April 09, 2020
Tested by	CESI S.p.a. Via R. Rubattino, 54 20134 Milan, Italy.

The test object, constructed in accordance with the description, drawings and photographs incorporated in this document has been subjected to the series of proving tests in accordance with STL Guides and:

IEC 62271-100 Ed. 2.2 (2017)  
Sub-Clauses 6.6, 6.102 to 6.106, 6.108, 6.109 and 6.110

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 hereto. 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 the ratings page. The Certificate applies only to the test object. The responsibility for conformity of any equipment having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 6 sheet in total.

September 17, 2020

Date of issue

Faccheni Fabio  
C0012801 3081 AUT  
STL Member Laboratory

The Manager - Arcidiaco Lorenzo  
C0012801 3081 APP  
STL Member

Document Digitally Signed

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the endorsed ratings of the test object, are permitted without written permission from CESI.  
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