

# Type Test Report

Document No.	C0012369	Copy No.	1	Number of pages	1226
Apparatus	Three pole 145 kV SF6 live tank circuit-breaker with common operating mechanism				
Designation	LW36-145(W)/T3150-40				
Serial Number	DH190789 and DH190366				
Manufacturer	JIANGSU RUGAO HIGH VOLTAGE ELECTRIC APPARATUS CO., Ltd of P.R CHINA. No.1, Huimin West Road, Economic Development Zone, 226500 RUGAO CITY, China.				
Client	JIANGSU RUGAO HIGH VOLTAGE ELECTRIC APPARATUS CO., Ltd of P.R CHINA. No.1, Huimin West Road, Economic Development Zone, 226500 RUGAO CITY, China.				
Tested for	-				
Date(s) of tests	February 20 to March 17, 2020				
Tested by	CESI S.p.a. Via R. Rubattino, 54 20134 Milan, Italy.				
Test performed	Basic short-circuit test duties Out-of phase Short-line fault test duties Double-earth fault test duty				

The apparatus, 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:

IEC 62271-100 Ed. 2.2 (2017)  
IEC 62271-1 Ed. 2.0 (2017)  
IEC 62271-101 Ed. 2.1 (2017)

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). The ratings assigned by the Manufacturer are listed on the ratings page. The document applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

September 29, 2020

Date **Zanchetta Daniele**  
C0012369 29/9 AUT  
**Test Engineer in charge**

**The Manager - Arcidiaco Lorenzo**  
C0012369 921814 AFP  
**Approved By** Document Digitally Signed

Partial reproduction of this document is permitted only with the written permissions from CESI Group.  
The authenticity of this document is guaranteed by the integrity of hologram.



LAB N° 0030 L

The laboratory meets the requirements of the Standard EN ISO/IEC 17025: 2005 "General Requirements for the Competence of Testing and Calibration Laboratories". The in force status of the accreditation and the list of accredited tests may be checked in the WEB site: [www.accredia.it](http://www.accredia.it)



# CESI

Shaping a Better Energy Future