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"Translation into English from the original in Italian"

## TEST REPORT

No. **28579/I**, consisting of no. **30** pages and issued on **25 February 1994**  
delivered to **S C A E di Tiraboschi Angelo & C: - PEDRENGO (BG)**  
according to application **Order no. 012.8563** of **10 November 1993**

The test results in this report exclusively refer to the samples submitted to the tests and described in the following.

Any extension of the reference to samples or elements other than the above mentioned ones is out of the scope of the present report.

### 1.- OBJECT OF THE TEST

No. 1 medium voltage metal-clad switchgear and controlgear manufactured by SCAE-Pedrengo (BG) specified as follows:

- type : UNICLAD 24;
- rated voltage : 24 kV;
- rated current : 1250 A;
- power frequency : 50 Hz;
- enclosed drawings : SCAE no. 93.09.06, 93.09.07, 93.09.08.

The apparatus is composed of two functional units, one incoming unit and one outgoing unit, electrically connected in series by means of copper bars of 2 (40x10) mm<sup>2</sup> of cross sectional area for each phase.

In each unit are arranged:

- a three pole SF6 withdrawable circuit breaker, manufactured by ABB SACE, type HA3, rated voltage 24kV, rated current 1250A, frequency 50 Hz, short-time withstand current 40 kA (r.m.s.) for 1 second.
- a three pole earthing disconnector manufactured by ABB SACE, type CBE4, short-time withstand current 40 kA for 1 second.

The photographs no. F.1 and F.2 show the metal-clad under test.

The apparatus was presented to the Institute for the tests on 1993-11-22.

Tested by  
*Paolo Fiori*  
*Paolo Fiori*

The Head of the  
Electromechanics Sector

*Paolo Fiori*

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