A C A E
ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

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LOVAG

Certificate
of Conformity

LOVAG-Certificate No. **IT 14.088**

This certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the manufacturer or responsible vendor.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition. The responsible certification body as member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Test Instructions wherever applicable.

Apparatus
Low voltage cubicle with busbars –
415V (U_e) – 1600A (I_{na})– 65kA (I_{cw})– 8kV(U_{imp}) – 50Hz(f) – IP65

Designation

System Pro *E* Power 1600A

Manufacturer or responsible vendor
ABB S.p.A. – ABB SACE Division
Via Italia, 58 - 23846 Garbagnate Monastero (LC) Italy
Tested for: ABB S.p.A. – ABB SACE Division
Via Italia, 58 - 23846 Garbagnate Monastero (LC) Italy
Tested by: ACAE Laboratory IV 01

The apparatus, constructed in accordance with the description mentioned in the Test Report listed on this Certificate has been subjected to the series of proving tests in accordance with IEC 61439-2 Ed.2.0 (2011-08) and EN 61439-2(2011) .
(This standard complies also with the requirements of the previous standard IEC 60439)
- Verification of temperature rise-limits (10.10)
- Dielectric properties (10.09)
- Short-circuit withstand strength (10.11)

The results are shown in the Test Report in accordance to LOVAG. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the characteristics assigned by the manufacturer as stated below:

-Verification of temperature rise-limits :

Circuit	A (I0)	B	C
Test current (I_{nc}) A	1600	350	1250

- Dielectric properties: 1000V - 50Hz - 8kV 1.2/50µs
- Short-circuit withstand strength : 65kA for 1s / 39kA for 1s on protective circuit

This document includes Test report No. : 8019/VNL
Issue date : 2014.07.21

Responsible Certification Body : ACAE
Virginio Scarioni

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
PRD N°070B
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

Authorized signature
Date: 2014.09.30