



ATTESTATO DI ESAME DELLA CONFORMITA' CONFORMITY EXAMINATION CERTIFICATE

Apparecchiatura elettrica o sistemi regolatori destinati ad essere utilizzati in Aeroporti ed Eliporti.
Electrical equipment or control system intended for use in Aerodromes and Heliports.

Nr. Attestato / Certificate No. :

P9016/24/FC/fc rev.2

Apparecchiatura o sistema regolatore
/ *Electrical equipment or control system:*

DIAM4100 Constant current reguator for AGL system
Size 2,5 – 5 – 7,5 – 10 – 15 – 20 kVA

Fabbricante / Manufacturer :
Indirizzo / Address :

OCEM Airfield Technology, a division of ENERGY TECHNOLOGY S.r.l.
Via della solidarietà, 2/1 – 40056 Valsamoggia loc. Crespellano (BO) – ITALY

BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. P9015/24/FC/fc rev.1) attesta che il modello di seguito identificato, è stato esaminato secondo quanto previsto da:

Following the third part inspection (inspection report nr. P9015/24/FC/fc rev.1), BUREAU VERITAS ITALIA attests that type identified hereunder has been examined against the provisions of:

- IEC 61820-3-2 "Electrical installations for lighting and beaconing of aerodromes – Part 3-2: Requirements for power supplies – Particular requirements for series circuits". Edition 1.0 – 2023-10.
- ICAO Doc 9157 Aerodrome Design Manual "Part 5 — Electrical Systems" - Second Edition, 2017

Questo attestato perde la sua validità dopo 7 anni dalla data di emissione, o in caso di modifiche al dispositivo che possano influire sulla conformità ai requisiti dello standard di riferimento.

This certificate shall be deemed to be void after 7 years from the issuing date or in case of modification to the device where this may affect conformity with the reference standard.

Data di 1a emissione
1st issue date
Padova 13/12/2024

Data di modifica
Modification date:
Milan, 24/06/2026

Data di scadenza
Expiring date
Milan, 13/12/2031

Emesso da (Issued by):

Felice Cammara





Punti dello standard presi in considerazione durante la valutazione.

Sections of the standard considered during the assessment.

TEST	TYPE	RESULT
Visual inspection	IEC 61820-3-2 paragraph 6.4.2	Complies
Open circuit test specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.3.2	Complies
Overcurrent test specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.3.3	Complies
Operation test	IEC 61820-3-2 paragraph 6.4.4	Complies
Resistive loading specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.5.1.1	Complies
Reactive loading specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.5.1.2	Complies
Efficiency testing	IEC 61820-3-2 paragraph 6.4.5.2	Complies
Power factor	IEC 61820-3-2 paragraph 6.4.5.3	Complies
Dynamic response specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.5.4	Complies
Output waveform specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.5.6	Complies
Input power loss test	IEC 61820-3-2 paragraph 6.4.5.7	Complies
Mechanical operation test	IEC 61820-3-2 paragraph 6.4.6	Complies Complies
Electromagnetic compatibility (EMC)	IEC 61820-3-2 paragraph 6.4.7	Complies
Lightning arrestors	IEC 61820-3-2 paragraph 6.4.7.5	Complies
Low temperature test specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.8.2	Complies
High temperature test specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.8.3	Complies
Optional accessories	IEC 61820-3-2 paragraph 6.4.9	Complies



Revisione N° 01 / Revision N°01:

Ragione della modifica Revisione N° 01 del 29/04/2026. La revisione N°1 è basata sull'IR P9015/24/FC/fc rev.1. Adeguamento del format ai nuovi modelli in vigore dal 2026 e aggiunto riferimento alla normativa ICAO in merito ai requisiti di progetto

Modification reason Revision N°01, dated 29/04/2026. Revision N° 1 is based upon statement P9015/24/FC/fc rev.1. Adaptation of the format to the new models in force from 2026 and added reference to ICAO regulations regarding project requirements

Revisione N° 02 / Revision N°02:

Ragione della modifica Revisione N° 02 del 24/06/2026. La revisione n°2 nasce per modifica della denominazione del documento .

Modification reason Revision N°02, dated 26/06/2026. Revision no. 2 arises from a change in the document's name