



**BUREAU  
VERITAS**

## CERTIFICATE OF CONFORMITY

08/X29/1/10552361-1001-1, Rev.0

**TO:  
IEC 61822:2009 (UNE-EN 61822:2011)**

Products:

IGBT Sine Wave Constant Current Regulator

Manufactured by:

Airsafe Airport Equipment Co., Ltd

Applications:

CCR-I

We hereby certify:

That we conducted an inspection, review and documental study of the characteristics of the above mentioned equipment based on the reports of tests carried by the laboratories:

**SQI - Shanghai Institute of Quality Inspection and Technical Research,**

as Certified National Certification Body who carried out testing according to the IECEE CB Scheme for the Scope as listed in the relevant part of the IECEE Web Site at [www.iecee.org](http://www.iecee.org).

On the base of all the foregoing, and in view of the results obtained on the test of the IGBT sine wave constant current regulator Model CCR-I-2-300-380A; we confirm that: the IGBT sine wave constant current regulator, model **CCR-I** above referenced, manufactured by Airsafe Airport Equipment Co.Ltd., designed for airfield indicator applications,

**FULFIL SATISFACTORILY**


the demands and requirements of the above mentioned standards and of technical provisions of AENA referred in the present document, and specifically the specification of the IEC 61822:



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Test	CCR-I / IEC 61822	Result
	Type Test	It fulfils
Supervision / control system: Functions	5.3.9.1	Satisfactory
Wiring diagram	5.5.3	Satisfactory
Instruction manual	5.5.7	Satisfactory
Visual inspection	7.1	Satisfactory
Verification of protection by enclosures	7.2.1	Satisfactory
Verification of clearances and creepage distances	7.2.2	Satisfactory
Dielectric strength	7.3.1	Satisfactory
Enclosure temperature	7.4	Satisfactory
Power factor	7.7.3	Satisfactory
Low temperature	7.8.1	Satisfactory
<u>Options:</u> Lamp fault indicator	5.7.3	Satisfactory

And for the record for the appropriate purposes we issue and sign this Certification in Barcelona, on March 24 of 2021.

Location	Date	Name	Signature
Barcelona (Spain)	March 24 <sup>th</sup> , 2021	Laura Arcas (Technical Inspector)	

*Registration code.* **08/X29/1/10552361-1001-1 Revision 0, date March 24, 2021**

## ANNEXES :

- *Certificate of Acceptance SQI*, reference TL259, date 2018/04/11, by IECEE (1 page)
- *Datasheet of IGBT Sine wave constant current regulator*, reference CCR-I, by AIRSAFE (4 pages)
- *Test Report Constant Current Regulator*, report number W02104150008E, date 2021/02/04, , by SQI (13 pages)