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CERTIFICATE OF CONFORMITY

08/X29/1/6346743-1001-3, rev.3

TO:
 ICAO, Annex 14, Volume I, 7th Edition
 EASA CS-ADR-DSN, Issue 4, 8th December 2017
 UNE-IEC/TS 61827, 1th Edition
 FAA AC 150/5345-46E
 AENA PPT 016 -06/12

Products: Airfield Lighting Lights EBL-RE-II
 Manufactured by: Airsafe Airport Equipment Co., Ltd
 Applications: High intensity elevated runway edge light II

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:

Intertek and 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.

On the base of all the foregoing, and in view of the results obtained; we confirm that: the elevated lights model **EBL-RE-II** above referenced, manufactured by Airsafe Airport Equipment Co.Ltd., designed for airfield ground lighting 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 specifications of the UNE-IEC/TS 61827.

Test	Elevated lights	Result
	Type	It fulfils
<u>a. Dimensional test</u>	6.2	Satisfactory
<u>b. Test Environmental</u>		
High temperature	6.3.1.1	Satisfactory
Low temperature	6.3.1.2.2	Satisfactory
Thermal shock	6.3.2.2	Satisfactory
Corrosion (saline sprayed)	6.3.3.2	Satisfactory
Electromagnetic compatibility	6.3.6.	Satisfactory
Moisture	6.3.4.	Satisfactory
<u>c. Test Structural</u>		
Jet blast	6.4.2.1	Satisfactory
Frangibility	6.4.2.2	Satisfactory
<u>d. Test Electrical</u>		
Dielectric rigidity	6.5.1	Satisfactory
Creepage and clearance	6.5.2	Satisfactory
Resistance of isolation	6.5.3	Satisfactory
Electrical shock	6.5.4	Satisfactory

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This certificate cancels and replaces the certificate with number 08/X29/1/6346743-1001-3, rev.2



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e. <u>Functional test</u> Photometry Chromaticity	6.6.1.1 6.6.2	Satisfactory Satisfactory
f. <u>Endurance Test</u> Accelerated life Test of useful lamp life (10 luminaires)	6.7.1.2 6.7.2.	Satisfactory Satisfactory

As well as the requirements listed in ICAO Annex 14, Volume I, and EASA CS-ADR-DSN, Issue 4, detailed below:

Elevated lights	ICAO		EASA		Result It fulfils
	Photometry test	Chromaticity test	Photometry test	Chromaticity test	
EBL-RE-II	Sec. 5.3.9.9 Figure A2-9 Figure A2-10 -Appendix 2-	Figure A1-1b -Appendix 1-	-CS ADR-DSN.M.675 (d)- Figure U-13 Figure U-14 -CS ADR-DSN.U.940-	Figure U-1A -CS ADR-DSN.U.930-	Satisfactory

And for the record for the appropriate purposes we issue and sign this Certification in Barcelona, on May 31 of 2018.

Inspector Bureau Veritas
Laura Arcas