



BUREAU  
VERITAS

## CERTIFICATE OF CONFORMITY

The undersigned, **Rudi Vandembemt**, acting within the scope of the General Conditions of BUREAU VERITAS, certifies herewith the supply of

### RST & RSTE Isolation transformer for 50 & 60 Hz Series lighting circuits

- was found in conformity with:
  - o the catalogue sheet A.06.112
  - o the ICAO - Aerodrome Design Manual - Part 5 - 3.2.1.7
  - o the IEC 61823 Standard - First Edition 12/2002
  - o the FAA AC 150/5345-47 advisory Circular (L-830 & L-831 specifications)
  - o the AENA PPT/006-03/06 for Isolation transformers.
  
- Date of inspection: **July 18<sup>th</sup>, 2014**
  
- And has been, upon request of:  
**ADB B.V.B.A.**  
Leuvensesteenweg, 585  
B – 1930 ZAVENTEM/BELGIUM
  
- inspected in conformity with the applicable requirements of
  - o the catalogue sheet A.06.112
  - o the ICAO - Aerodrome Design Manual - Part 5
  - o the IEC 61823 Standard - First Edition 12/2002
  - o the FAA AC 150/5345-47 advisory Circular (L-830 & L-831 specifications)
  - o the AENA PPT/006-03/06 for Isolation transformers.

Issued at Antwerp, **July 18<sup>th</sup>, 2014**

Rudi Vandembemt  
Inspector Industry  
BUREAU VERITAS ANTWERP



Particulars of inspection: detailed hereafter

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This certificate is only valid for a period of 5 years from the issuance date, as far as no changes of production process, equipment characteristics nor of applicable requirements occur during this period of validity.

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**The following survey operations have been carried out without noticeable remarks:**

- Attendance to tests at the Laboratory premises of the manufacturer.
  - Examination of equipment under test
  - Checking of installation of unit before testing
  - Attendance to operational tests according to the applicable procedures and methods
- Review of the test report by ETL Intertec Testing Services while certifying same equipment to FAA specifications (07-068-L-830-831; 07-068-L-823; 07-068-L-823).
- Test results are detailed in the referenced test records:
  - Electrical properties ( current ratio with varying loads, Power Factor, Efficiency, Insulation resistance, load tests including short circuit, open circuit, minimum & maximum load)
  - Mechanical and environmental properties (shock resistance, cable pull resistance, gas tightness, temperature rise, ... )

**CONCLUSION**

Taking into account the satisfactory results of actual tests and examinations we confirm that the manufacturing and the test results for the above specified units are in conformity with applicable standards, specifications and data sheets,; as mentioned on the first page of this certificate.

**ENCLOSURE**

Test records of tests which have been attended, duly stamped for identification by BUREAU VERITAS:

**Inspection test reports:**

- Results of operational tests witnessed.
- Test Reports by ETL/ITS reviewed for conformance.

BUREAU VERITAS ANTWERP

Rudi Vandembemt

July 18<sup>th</sup>, 2014



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