

Certificate of Conformity

PRODUCT: TC3 : Conduit Elbow With 2” 11TPI Elevated light fit

We, **ADB**, a company operating under the Belgian Law in Belgium and established 585, Leuvensesteenweg in Zaventem – Belgium, hereby certify that the **TC3** Type conduit Elbow, per Catalog Leaflet A.05.111, is suitable for usage on airports and for installing **ADB** elevated lights on their breakable coupling, with a height of up to 356 mm above pavement level and under an jet blast velocity of up to 482 km/hour as specified in the FAA AC150/5345-46D specification, as well as for the jet blast of Airbus A380 Aircraft.

This product is **NOT SUITED** for installing bulky equipment such as WIG-WAGs or L-804 bulky elevated equipment which need special interfaces as described in the AC 150/5345-46D Advisory Circular.

This product has been tested in laboratory for the bending moments imposed by the above mentioned jet blasts, see also the Bureau Veritas Certificate for A380 Aircraft Jet Blast resistance of Elevated Lights and their mounting systems No BV.AVS4.08.140071.CC03 dated October 20th, 2008.

It has been found in conformity with:

- The Catalog Leaflets A.05.111
- The Catalog leaflets A.02.630 (UEL); A.03.111 (BPE); A.03.150 (RVE); A.03.320 (VEE); A.03.260 (ERS)
- The ICAO Aerodrome Design Manual – Part 6 – Sections 4.9.2 & 5.2
- The IEC TS 61827 Technical Specification
- The STAC (France) Report A380 – Resistance of Elevated Runway Edge lights to Jet Blast : Report of 3 studies.

The result of all those tests are summarized in the Test report
BV.AVS4.08.140071.CC03.RPT dated October 20th, 2008.

CONCLUSION :

While there exist no formal international standard determining a formal specification, taking into account the satisfactory result of actual tests and examinations, we confirm that the manufacturing and the test results for the TC3 are in conformity with the applicable part of International and regional standards as published at the date of issuance of this certificate, and when installed in conformity with the **ADB** Instruction Manual, are suitable for use on regional and International Airports.

Made on October 20th, 2008 in Zaventem – BELGIUM.



A handwritten signature in blue ink, which appears to read 'Vandevoorde J.C.', is written over a horizontal line.

Mr. Jean-Claude VANDEVOORDE
QUALITY ASSURANCE DIRECTOR
CHIEF TECHNOLOGY OFFICER