



TEST REPORT

INTERTEK TESTING SERVICES SHANGHAI LIMITED

BUILDING NO.86, 1198 QINZHOU ROAD (NORTH), SHANGHAI, CHINA 200233

Issued Date: July 16, 2015

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REPORT NO. 150700292HZH-001

TEST OF AIRPORT LIGHT BASES, TRANSFORMER HOUSING AND ACCESSORIES

RENDERED TO

AIRSAFE AIRPORT EQUIPMENT CO. LTD.
ROOM 27AB DONGTAI BLDG.
NO. 309 TANG GU ROAD
SHANGHAI, 200080
CHINA

INTRODUCTION

This report contains the results of examinations and tests of the above device to demonstrate compliance with the applicable requirements of Federal Aviation Administration, Specification For Specification for Airport Light Bases, Transformer Housings, Junction Boxes, and Accessories, FAA 5345-42G 4.3.1 dated 1/23/2013.

SUMMARY

The following is a summary of the results of tests of the device performed in accordance with the referenced specification:

| <u>Test</u> | <u>Referenced Specification</u> | <u>Remarks</u> |
|---------------------------------|---------------------------------|----------------|
| Class IA and Class IB Load Test | FAA 5345-42G 4.1.1 | Complies |

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AUTHORIZATION

The testing performed was authorized by AIRSAFE AIRPORT EQUIPMENT CO. LTD.

MANUFACTURER

Airsafe Airport Equipment Co. Ltd.
Room 27ab Dongtai Bldg.
No. 309 Tang Gu Road
Shanghai, 200080
China

DESCRIPTION OF DEVICE

| Sample | Description | FAA type | Class | Size |
|---------------------------|--|----------|-------|-----------|
| SB-08 and CP-08 | Shallow Base and Blank Cover | L-868 | IB | A-8inch |
| SB-12 and AR-12/08, CP-08 | Shallow Base and Adapter Ring, Blank Cover | L-868 | IB | B-12 inch |
| DB-12 and CP-12 | Deep Base and Blank Cover | L-868 | IB | B-12 inch |

(See photo page included in this report)

DATES OF TESTS

From July 8, 2015 to July 16, 2015



TEST, TEST METHODS AND RESULTS OF TESTS

Type L-868, Class IA and Class IB Load Test – Clause 4.3.1 of FAA 5345-42G

Sample bases and extensions must be subject to the load test described in paragraph 4.1.1 with the following exception. A load of 450 psi (3,103 kPa) must be applied uniformly over the area of the rubber block at a rate not to exceed 10,000 pounds (4,536 kg) per minute. The test section must be a unit in height deemed to be the maximum height, to be furnished by the manufacturer. For 8 inch (203 mm) Type L-868, one inch (25 mm) conduit entrances must be used.

The test was performed at Recognized Testing Lab:
Shanghai Institute of Quality Inspection And Technical Research.
Address: No. 900 Jiang Yue Road, 201114 Shanghai, China



RESULTS OF TESTS

SB-08 and CP-08

| | | |
|--------------------------|---------------------|---|
| Load test: | | |
| Load: | 450 psi (3,103 kPa) | - |
| After test: | | |
| No permanent deformation | Pass | - |
| No crack | Pass | - |
| No damage | Pass | - |

SB-12 and AR-12/08, CP-08

| | | |
|--------------------------|---------------------|---|
| Load test: | | |
| Load: | 450 psi (3,103 kPa) | - |
| After test: | | |
| No permanent deformation | Pass | - |
| No crack | Pass | - |
| No damage | Pass | - |

DB-12 and CP-12

| | | |
|--------------------------|---------------------|---|
| Load test: | | |
| Load: | 450 psi (3,103 kPa) | - |
| After test: | | |
| No permanent deformation | Pass | - |
| No crack | Pass | - |
| No damage | Pass | - |

Prepares by:

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Engineer

Reviewed by:

Tim Su
Reviewer

Photos



SB-08 and CP-08



SB-12 and AR-12/08, CP-08



DB-12 and CP-12