



# TEST REPORT

INTERTEK TESTING SERVICES SHANGHAI LIMITED

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

Issued Date: July 16, 2015

Page 1 of 6

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

---

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to copy or distribute this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program. Measurement uncertainty budgets have been determined for applicable test methods and are available upon request.



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:

Jimmy Wang  
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