

## TEST REPORT

Issue Date: 2019-09-10

Intertek Report No.: 190821015SHF-001

**REPORT ISSUED TO**  
**EKOLOGIX AUSTRALIA PTY LTD**

Unit 1, 20-26 Sabre Drive  
Port Melbourne, Victoria  
Australia 3207

Intertek has conducted an evaluation for Ekologix Australia Pty Ltd to determine the simulated bushfire attack characteristics of the Ekodeck Flame Fighter BAL29. This evaluation began on August 21, 2019 and was completed on September 05, 2019. The test was conducted on August 29, 2019.

The test was conducted in accordance with AS 1530.8.1:2018 Methods for fire tests on building materials, components and structures, Part 8.1: Tests on elements of construction for buildings exposed to simulated bushfire attack-Radiant heat and small flaming sources, Section 21 SPECIFIC PROCEDURES FOR DECKS.

### SUMMARY OF TEST RESULTS

**Product Name:** Ekodeck Flame Fighter BAL29

The test assembly satisfied the performance requirements for the following bushfire attack level:

PERFORMANCE CRITERIA	RESULTS
Bushfire attack level	<b>BAL: A29</b>

The test was discontinued after a period of 60 minutes in according to the test method.

For INTERTEK B&C:

**COMPLETED BY:** Jason Xu  
Project Engineer –  
Building & Construction  
**TITLE:**  
**SIGNATURE:** *Jason Xu*  
**DATE:** 2019-09-10

**REVIEWED BY:** Harrison Li  
Asst. Technical Manager  
Building & Construction  
**TITLE:**  
**SIGNATURE:** *Harrison Li*  
**DATE:** 2019-09-10



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**From:** Dean Ambler Intertek <dean.ambler@intertek.com>

**Sent:**

**To:**

**Cc:**

**Subject:** RE: [External] Test not accepted by NATA??

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Hi

Please refer to the following link from the NATA website: <https://www.nata.com.au/about-nata/global-trading-network>

Essentially [ILAC](#) is the international organisation for accreditation bodies and there is a mutual recognition arrangement (MRA) between all members, including NATA and CNAS.

The ILAC MRA therefore provides assurance of the capability of the operations of accredited conformity assessment bodies on a world-wide basis, which in turn underpins the mutual acceptance of reports and certificates that they issue.

I believe this satisfies the definition of acceptable accredited testing laboratory, (b) “an organisation outside Australia accredited to undertake the relevant tests by an authority recognised by NATA through a mutual recognition agreement.”

The scope of work provided states that testing was performed to Australian Standard 1530.8.1.

Feel free to contact if there are any other queries.

Regards

**Dean Ambler**

**Laboratory Operations Excellence**

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**intertek**  
**caleb brett**

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All work is performed in accordance the Intertek Standard Terms and Conditions of work <http://www.intertek.com/terms>

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# SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-394
Company Name	Intertek Testing Services Shenzhen Ltd., Shanghai Fengxian Branch
Address	Plant 5, No. 6958 Da Ye Road Fengxian District Shanghai 201405 People's Republic of China  and  1201 Gui Qiao Road Pudong District Shanghai 201206 People's Republic of China
Contact Name	Stanley Zhou, Senior Manager
Telephone	+86 21 61136116
Effective Date of Scope	January 29, 2019
Accreditation Standard	ISO/IEC 17025:2017

## Acoustical

AS 1191	Acoustics - method for laboratory measurement of airborne sound transmission insulation of building elements
AS 1276	Methods for determination of sound transmission class and noise isolation class of building partitions
ASTM C423	Standard test method for sound absorption and sound absorption coefficients by the reverberation room method
ASTM E90	Standard test method for laboratory measurement of airborne sound transmission loss of building partitions and elements
ASTM E336	Standard test method for measurement of airborne sound attenuation between rooms in buildings
ASTM E413	Classification for rating sound insulation
ASTM E492	Standard test method for laboratory measurement of impact sound transmission through floor-ceiling assemblies using the tapping machine
ASTM E989	Standard classification for determination of impact insulation class (IIC)
ASTM E1332	Standard classification for rating outdoor-indoor sound attenuation



# SCOPE OF ACCREDITATION

IEC 61730-2	Photovoltaic (PV) module safety qualification - part 2: requirements for testing (section 10.8)
UL 1703	Standard for flat-plate photovoltaic modules and panels
<b>Fire (except horizontal assemblies of exposed area more than 1.5 m by 1.5 m in fire resistance)</b>	
ANSI A2.1	Fire test of building construction and materials
AS 1530.1	Methods for fire tests on building materials, components and structures Part 1: Combustibility test for materials
AS 1530.4	Methods for fire tests on building materials, components and structures - fire-resistance test of elements of construction
AS 1530.8.1	Methods for fire tests on building materials, components and structures Part 8.1: Tests on elements of construction for buildings exposed to simulated bushfire attack - Radiant heat and small flaming sources
AS 1530.8.2	Methods for fire tests on building materials - components and structures – part 8.2: test on elements exposed to simulated bushfire attack – large flaming sources (except decks and sub-floor spaces)
AS 1905.1	Components for the protection of openings in fire-resistant walls - fire-resistant doorsets
AS/NZS 1841	Portable fire extinguishers
AS/NZS 1841.1	Portable fire extinguishers – part 1: general requirements
AS/NZS 1841.5	Portable fire extinguishers – part 5: specific requirements for powder type extinguishers
AS/NZS 1850	Portable fire extinguishers - classification, rating and performance testing
ASTM D635	Standard test method for rate of burning and/or extent and time of burning of plastics in a horizontal position
ASTM D1929	Standard Test Method for Determining Ignition Temperature of Plastics
ASTM D2863	Standard test method for measuring the minimum oxygen concentration to support candle-like combustion of plastics (oxygen index)
ASTM D3801	Standard Test Method for Measuring the Comparative Burning Characteristics of Solid Plastics in a Vertical Position