

# DRAGONBOARD TECHNOLOGIES LTD.

## TEST REPORT

**REPORT NUMBER**

180423003SHF-BP-1

**ISSUE DATE**

2018/5/24

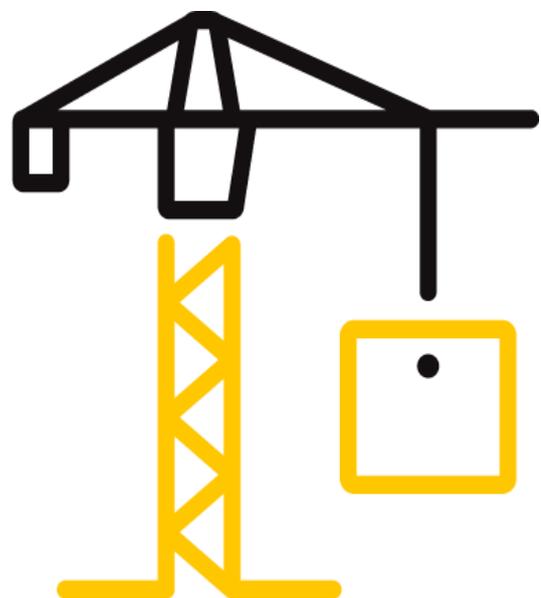
**PAGES**

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**DOCUMENT CONTROL NUMBER**

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## Test Report

Issue Date: 2018/5/24 Intertek Report No. 180423003SHF-BP-1

Applicant: DRAGONBOARD TECHNOLOGIES LTD.

Applicant Address: 1116-17,11/F,Hollywood Plaza,610 Nathan Road,Mongkok,Kowloon,Hong Kong

Attn: Shiuming Chu

**SUBJECT:** Performance testing  
DRAGONBOARD

Dear Sir,

This test report represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

TEST METHODS AND STANDARDS
Refer to the next following Pages.

SAMPLE ID	MODEL	SPECIFICATION
S180423003SHF-001~005	/	20mm×1220×2440

SAMPLE RECEIVED: 2018/4/23  
TESTED FROM: 2018/4/23 TO 2018/5/24

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**Test Items, Method and Results:**

Test method: AS1530.1-1994 Method for fire tests on building materials, components and structures Part 1: Combustibility test for materials

**1.1 COMBUSTIBILITY TEST FOR MATERIALS**

This test evaluates the combustibility performance of products in a vertical tube at 750±5°C.

**1.2 CRITERIA OF COMBUSTIBILITY**

- (a) The mean duration of sustained flaming, as determined in accordance with Clause 3.2 of AS 1530.1-1994, is other than zero.
- (b) The mean furnace thermocouple temperature rise, as determined in accordance with Clause 3.1 of AS 1530.1-1994, exceeds 50°C.
- (c) The mean specimen surface thermocouple temperature rise as determined in accordance with Clause 3.1 of AS 1530.1-1994, exceeds 50°C.

**2 RESULTS AND OBSERATIONS**

Construction of the test specimen:

Cylinders with a diameter of 45mm and a height of 50mm were delivered by the client.

"Major components of Dragoboard is MgO and MgSO<sub>4</sub>" is stated by the client.

The test results were shown in Table below.

Parameter	Result
Mean furnace thermocouple temperature rise $\Delta T_f$ (°C)	3.6
Mean specimen centre thermocouple temperature rise $\Delta T_c$ (°C)	85.9
Mean specimen surface thermocouple temperature rise $\Delta T_s$ (°C)	23.9
Mean duration of sustained flaming (s)	0
Mean mass loss (%)	38.6

**Combustibility: NOT DEEMED COMBUSTIBLE**

Note:

1. The test results relate only to the behavior of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.
2. The test was conducted at the external approved facility, located at Guangzhou.

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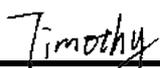
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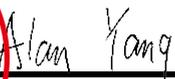
### APPENDIX: SAMPLE RECEIVED PHOTO



### REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.

  
Name: Timothy Li  
Title: Reviewer

  
  
Name: Alan Yang  
Title: Project Engineer

### Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
180423003SHF-BP-1	2018/5/24	First issue	Alan Yang	Timothy Li