

No.: XMCCM160200142

Date: Mar.15, 2016

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#### AAEON TECHNOLOGY INC.

5F, NO.135, LANE 235, PAO CHIAO RD., HSIN-TIEN DIST., NEW TAIPEI CITY 23145, TAIWAN, R.O.C

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : PCB BOARD

SGS Ref. No. : GZIN1602005561MR

Material : FR4

Buyer : AAEON TECHNOLOGY INC.

Manufacturer : L-BRIDGE ELECTRONICS CO.,LTD.

Model Name : XBOXER-6357X (X - WHERE X MAY BE ANY COMBINATION OF

ALPHANUMERIC CHARACTERS OR "-" OR BLANK)

Test required : EN 45545-2:2013 Railway applications— Fire protection on railway vehicles

Part 2: Requirements for fire behaviour of materials and components, R24

Date of receipt : Feb.18, 2016

Test period : Feb.18, 2016 to Feb.25, 2016

Test result(s) : For further details, please refer to the following page(s)

\*\*\*\*\*\* To be continued\*\*\*\*\*\*

Signed for

SGS-CSTC Standards Technical

Services Co., Ltd. XM Branch Testing Center

Civi Huang

Authorized Signatory





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#### Test conducted:

The test is performed in accordance with the **R24** requirement specified in EN 45545-2:2013 Railway applications - Fire protection on railway vehicles – Part 2: Requirements for fire behavior of materials and components

### Sample detail:

Sample name (provided by sponsor):	PCB BOARD
Specimen thickness:	1.6 mm

#### Test result:

Short name of requirement set (use for)	Test method reference	Parameter and unit	Requirement definition	HL1	HL2	HL3	Test Result
R24	T01 EN ISO 4589-2: OI	Oxygen content %	Minimum	28	28	32	44.3 %

### Conclusion

The tested sample **meets** the requirements of R24 specified in HL1, HL2 & HL3 under EN 45545-2:2013.

\*\*\*\*\*\*\*\*\*\* To be continued\*\*\*\*\*\*\*\*\*\*



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Test item: Oxygen Index

Test Method: EN 45545-2:2013 & EN ISO 4589-2:1999/Amd.1:2006

Specimen: Type III

Ignition procedure: Procedure A

Conditioning: 23 ± 2 °C, 50 ± 5 %RH, ≥88h

#### **Test Result:**

Test Item	Test Result
Oxygen Index	44.3 %

### Note:

- 1. Burning behavior: charring and after glow.
- 2. Test specimens were cut from the sample.
- 3. The above test was carried out by a SGS internal laboratory.

### Statements:

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The test results relate only to the specimens of the product in the form in which were tested.

\*\*\*\*\*\* To be continued\*\*\*\*\*\*



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\*\*Attention\*\*: Coheck the authenticity of testing (inspection report & certificities please contact us at telephone (66-755)83071443.

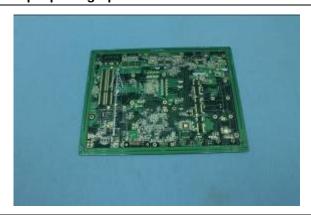


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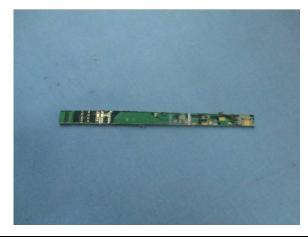
### Sample photograph:





Original Sample







Before test

After test

SGS authenticate the photo on original report only

\*\*\*\*\*\*\*\* End of report\*\*\*\*\*\*\*\*\*



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