SINTRONES TECHNOLOGY CORP.

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The following sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. results apply to the sample as received.

Product Description: IN VEHICLE COMPUTER

SGS Ref No.: HU50002/2019

Manufacturer/Vendor: SINTRONES

Country of Origin: TAIWAN

Style/Item No.: VBOX-3XXX-XXXXX

Test Requested:

EN 45545-2:2013+A1:2015 Railway applications—Fire protection on railway vehicles Part 2: Requirements for fire behaviour of materials and components, and testing according to Table 5 — Material requirement sets (R25)

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date	:	JUN.06, 2019
Test Performing Date	:	JUN.06, 2019 TO JUN.13, 2019

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou
Lab Manager

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch Hardlines

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I. Description of Test specimens

Description	PCB board
Color	Green
Sample size	40mm×40mm×1.5mm

II. Summary of test results

Requirement set (used for)	Test method reference	Parameter Unit	Test results *
R25 (EL9)	T16 EN 60695-2-11	Glow Wire Temperature, °C	850

* For the test details, please see the appendix of this test report.

III. Conclusion

According to the test results, the submitted sample **meets** the requirements of R25 (detailed in Table 5 of EN 45545-2:2013+A1:2015) for **HL3** Hazard Level Classification.

Test Criteria, EN 45545-2:2013+A1:2015, Table 5, Material requirement sets, R25

Short name of requirement set (used for)	Test method reference	Parameter Unit	Requirement Definition	HL1	HL2	HL3
R25 (EL9)	T16 EN 60695-2-11	Glow Wire Temperature °C	Minimum	850	850	850

Statements:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

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…

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch Hardlines

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APPENDIX: T16 EN 60695-2-11:2014 Fire hazard testing—Part 2-11: Glowing/hot-wire based test methods Glow-wire flammability test method for end-products

1. Conditioning

Prior to testing, the sample was conditioned 24 hours at temperatures of 15~35°C and at a relative humidity of 45~75%.

At time to testing, Temperature between 15°C ~ 35°C and Relative humidity less than or equal to 75 %.

2. Test results

Temperature of the glow-wire (℃)	850	850	850
Duration (t_i) from the beginning of tip application up to the time at which the test specimen or the specified layer placed below it ignites (s)	NI	NI	NI
Duration (t_e) from the beginning of tip application up to the time when flames extinguish during or after the period of application (s)	NI	NI	NI
Whether the test specimen extinguishes by virtue of most of the flaming material being withdrawn with the glow-wire	No	No	No
Whether ignite the specified layer placed underneath the test specimen or not	No	No	No
Whether the test specimen is totally burned	No	No	No
Observations: None			

Remark: NI--- Not ignition

In accordance with test results, the submitted sample: **GWEPT: 850**

Photo Appendix:

SGS authenticate the photo on original report only

End of Report

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