

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

LGAI Technological Center, S.A. (APPLUS)  
Notified Body Nr. 0370

No. **0370-CPR-7311**

In compliance with Regulation (EU) Nr.305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

## FIRE DETECTION AND FIRE ALARM SYSTEM.

- CONTROL AND INDICATING EQUIPMENT
- POWER SUPPLY EQUIPMENT

MODEL: **SEC3004 & SEC3008**

Placed on the market under the name of:

## SHENZHEN HTI SANJIANG ELECTRONICS CO., LTD.

3/F., GUANGCAI XINTIANDI MANSION, NANSHAN ROAD, NANSHAN DISTRICT, SHENZHEN, GUANGDONG  
518054 CHINA

And produced in the manufacturing plant:

BUILDING 1B, HONGAO INDUSTRIAL ESTATE (HONGFA HIGH-TECH INDUSTRIAL PARK), CROSSING OF GENYU ROAD AND NANMING ROAD, GONGMING STREET, GUANGMING NEW DISTRICT, SHENZHEN, GUANGDONG, CHINA

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

**EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1997/A1:2006; EN 54-4:1997,  
EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 17<sup>th</sup> January 2025 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

**The monitoring assessment will be done before 31<sup>st</sup> March 2026**

Bellaterra, 17<sup>th</sup> January 2025



  
LGAI Technological Center, S.A.  
Xavier Ruiz Peña  
Managing Director, Product Conformity B.U.



*This document is not valid without its technical annex; whose number coincides with that of the certificate.*

*You can check the validity of this certificate on our website: [www.appluslaboratories.com/certified\\_products](http://www.appluslaboratories.com/certified_products)*

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility

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Annexes according to **EN 54-2:1997, EN 54-2:1997/AC:1999, EN 54-2:1997/A1:2006**

### **FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 2: CONTROL AND INDICATING EQUIPMENT**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
General requirements for indications	5.	PASS
The quiescent condition	6.	PASS
The fire alarm condition	7.	PASS
Output to fire alarm devices (option with requirements)	7.8	PASS
Delays to outputs (option with requirements)	7.11	PASS
Fault warning condition (see also annex F)	8.	PASS
Fault signals from points (option with requirements)	8.3	PASS
Output to fault warning routing equipment (option with requirements)	8.5	PASS
Audible indication	8.6	PASS
Reset of fault indications	8.7	PASS
Disabled condition	9.	PASS
Disabling of addressable points(option with requirements)	9.5	PASS
Test condition (option with requirements)	10.	PASS
Design requirements	12.	PASS
Additional design requirements for software controlled control and indicating equipment	13.	PASS
Marking	14.	PASS
Cold (operational)	15.4	PASS
Damp heat, steady state (operational)	15.5	PASS
Impact (operational)	15.6	PASS
Vibration, sinusoidal (operational)	15.7	PASS
Electromagnetic Compatibility (EMC)	15.8	PASS
Supply voltage variation (operational)	15.13	PASS
Damp heat, steady state (endurance)	15.14	PASS
Vibration, sinusoidal (endurance)	15.15	PASS

PASS; NPD = Non Performance Determined, NA = Not Apply

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Annexes according to **EN 54-4:1997, EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006**

### **FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 4: POWER SUPPLY EQUIPMENT**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
General requirements	4.	PASS
Functions	5.	PASS
Materials, design and manufacture	6.	PASS
Documentation	7.	PASS
Marking	8.	PASS
Cold (operational)	9.5	PASS
Damp Heat, steady state (operational)	9.6	PASS
Impact (operational)	9.7	PASS
Vibration, sinusoidal (operational)	9.8	PASS
Electrostatic discharges (operational)	9.9	PASS
Damp heat, steady state (endurance)	9.14	PASS
Vibration, sinusoidal (endurance)	9.15	PASS

PASS; NPD = Non Performance Determined