Certificate of constancy of performance

according to Regulation (EU) No. 305/2011

Certificate No.:	1008-CPR-MC 69266708 0001
Report No.:	HU23129K 001
Applicant:	Zhejiang Huaxiao Technology Co.,Ltd. 1-3/F, Building A2 ,No. 28 Dongqiao Road, Dongzhou Street, Fuyang District, Hangzhou, Zhejiang, China
Manufacturer:	Zhejiang Huaxiao Technology Co.,Ltd. 1-3/F, Building A2 ,No. 28 Dongqiao Road, Dongzhou Street, Fuyang District, Hangzhou, Zhejiang, China
Manufacturing plant:	Zhejiang Huaxiao Technology Co.,Ltd. 1-3/F, Building A2 ,No. 28 Dongqiao Road, Dongzhou Street, Fuyang District, Hangzhou, Zhejiang, China
Product:	Smoke alarm
Identification:	DHI-HY-SA40A, DHI-HY-SA40A-R8 Intended use: Fire safety FPC Report No.: HU231E9E 001 Test report: CN23ER6N 001; H202303041001101
System of assessment and verification:	1
Tested according to:	EN 14604:2005 EN 14604:2005/AC:2008

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance described in Annex of the above standard(s) under above system are applied and the product fulfils all the prescribed requirements set out above.
This certificate was first issued on 2023-06-13 and it will remain valid until the test methods and/or factory production control requirements included in the standard, used to assess the performance of the declared characteristics, and the product, and the manufacturing conditions in the plant are unchanged. The manufacturing plant and factory production control system of the manufacturer is supervised regularly by the Certification Body.

Certification Body

Date of issue:

Budapest, 2023-06-13

László Kocsis

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Annex to certificate No. 1008-CPR-MC 69266708 0001

Essential characteristics	Performance	Harmonised technical specification
Operational reliability	Pass	EN 14604: 2005 EN 14604: 2005/AC:2008
Repeatability	Pass	
Directional dependence	Pass	
Initial sensitivity	Pass	
Air movement	Pass	
Dazzling (45°, 90°)	Pass	
Dry heat (55±2°C, 2h)	Pass	
Cold (operational) (0±2°C, 2h)	Pass	
Damp heat (operational) (40±2°C, 93±3%, 96h)	Pass	
Sulphur dioxide (SO_2) corrosion (25 °C; 93 %; 25 ppm; 4 days)	Pass	
Impact (1,9±0,1 J; 1 time)	Pass	
Vibration (operational) (10 to 150 Hz; 5m/s^2; 3 axes)	Pass	
Vibration (endurance) (10 to 150 Hz; 10m/s^2; 3 axes)	Pass	
Electromagnetic Compatibility (EMC), Immunity tests (operational)	Pass	
Fire sensitivity (TF2; TF3; TF4; TF5)	Pass	
Battery fault warning	Pass	
Sound output	Pass	
Sounder durability	Pass	
Inter-connectable smoke alarms (Only for DHI-HY-SA40A-R8)	Pass	
Alarm silence facility	Pass	
Variation in supply voltage	Pass	
Battery reversal	N/A	
Back-up power source	N/A	
Electrical safety	Pass	

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Application Product model	Alternative Customer Model	Description
DHI-HY-SA40A	-	Basic model
	DHI-HY-SA40A-X HY-SA40A-X SA40A-X S05-X X is from A to Z in alphabet	Same structure as DHIHY-SA40A
DHI-HY-SA40A-R8	-	Add 868 Wireless module basis of DHI-HY-SA40A
	DHI-HY-SA40A-R8-X HY-SA40A-R8-X SA40A-R8-X S05-R8-X DHI-HY-SA40A-W2(868) DHI-HY-SA40A-W2(868)-X HY-SA40A-W2(868) HY-SA40A-W2(868)-X X is from A to Z in alphabet	Same structure as DHI-HY-SA40A-R8

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