

Declaration of performance

N°: **0333-CPD-292044**

- 1) Product family - appellation :
230v - Stand Alone smoke sensor
- 2) Product reference :
TG521A
- 3) Intended use or uses :
Smoke detection for domestic application in accordance with EN 14604 (2005) +AC 2008
- 4) Name, registered trade name and contact address of the manufacturer:
Hager Security SAS – Rue du pré de l'Orme 38926 Crolles – France
- 5) System or systems of assessment and verification of constancy of performance :
System 1
- 6) Name of the notified body which has delivered a certificate: **Afnor Certification**
Identification number of the notified body: **0333**
Certificate reference : **0333-CPD-292044**
- 7) Delivery of an European Technical assessment : **NA.**
- 8) Declared performance:

Harmonized Technical specification EN 14604 (2005) - Essential Characteristics	Performance
§ 4.12 - Signaux de dispositif d'alarme de fumée	Passed
§ 4.13 - Indication d'absence de batterie	Passed
§ 4.14 - Branchement batterie	Passed
§ 4.15 - capacité de la batterie	Passed
§ 4.16 - Protection contre l'introduction de corps étrangers	Passed
§ 4.17 - Additional requirements for software	Passed
§ 4.18 - Dispositifs d'alarme de fumée interconnectables	Passed
§ 5.2 - Repeatability	Passed
§ 5.3 - Directionnal dependence	Passed
§ 5.4 - Initial sensitivity	Passed
§ 5.5 - Air movement	Passed
§ 5.6 - Dazzling	Passed
§ 5.7 - Dry heat	Passed
§ 5.8 - Cold	Passed
§ 5.9 - Damp heat 4 days	Passed
§ 5.10 - Corosion SO2 4 days	Passed
§ 5.11 - Impact	Passed
§ 5.12 - Vibration (operational)	Passed
§ 5.13 - Vibration (endurance)	Passed
§ 5.14 - EMC	Passed
CEM - § 5.14 a) - Baisse & coupure secteur mains supply voltage dips and short interruptions	Passed
CEM - § 5.14 b) - Décharges électrostatiques electrostatic discharge	Passed
CEM - § 5.14 c) - Radiated electromagnetic fields 1-2GHz	Passed
CEM - § 5.14 e) - Fast transient burts	Passed
CEM - § 5.14 f) - Surtensions lentes slow high energy transients	Passed
CEM : § 5.14 d), e) et f) - With Cable	Passed
§ 5.15 - Fire sensitivity	Passed
§ 5.16 - Battery fault warning	Passed
§ 5.17 - Sound output	Passed
§ 5.18 - Sounder durability	Passed
§ 5.19 - Inter-connectable smoke alarms	Passed
§ 5.20 - Alarm silence facility	Passed
§ 5.21 - Variation in supply voltage	Passed
§ 5.22 - Battery reversal	Passed
§ 5.23 - Standby power source	Passed
§ 5.24 - Battery SAD electrical safety	Passed
Annexe L - Camping Cars requirements	Not Applicable

NPD = no performance determined / NA = not applicable

9) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Place and date of issue : **Crolles August 23th 2013**

Signature :

Signer Name : **Jean Michel Bouchet**

Position : **Product Certification and Regulation Manager**

