

CERTIFICATE

of constancy of performance

1922 - CPR - 0815

In compliance with Regulation (EU) No 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

Smoke alarm devices. Smoke detector.

Models: Ajax FireProtect and Ajax FireProtect Plus.

Intended use: Fire safety

(with the performance listed, see Annex I to 1922-CPR-0815 that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

Ajax Systems Inc.

910 Foulk Rd., Wilmington, DE 19803, United States

and produced in the manufacturing plant

Research and Production Enterprise "Ajax" LLC

Sklyarenko 5, Kyiv, 04073, Ukraine

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

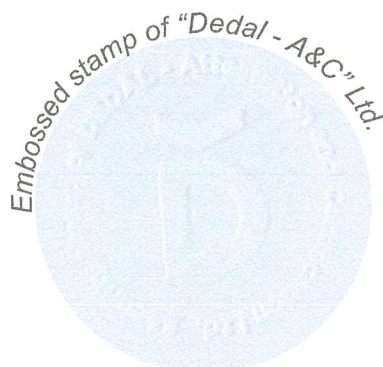
EN 14604:2005; EN 14604:2005/AC:2008

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 06.01.2017 and will remain valid until 14.01.2022 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 certificate is supported through annual surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal-bg.net.



Issued:
Burgas, 14 January 2019



Manager:

arch. Galina Vasileva



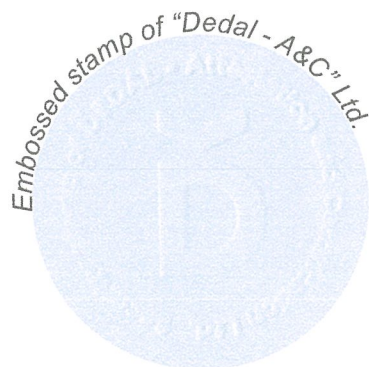
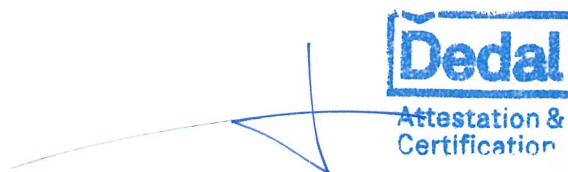
ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE
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Performance list, acc. to EN 14604:2005; EN 14604:2005/AC:2008

<i>Essential Characteristics</i>	<i>Performance</i>	<i>Clause</i>
Nominal activation conditions / sensitivity / Response delay (response time) and performance under fire conditions		
- Smoke alarm signals	pass	4.12
- Inter-connectable smoke alarms	N/A	4.18
- Repeatability	pass	5.2
- Directional dependence	pass	5.3
- Initial sensitivity	pass	5.4
- Air movement	pass	5.5
- Dazzling	pass	5.6
- Fire sensitivity	pass	5.15
- Sound output	pass	5.17
- Sounder durability	pass	5.18
- Inter-connectable smoke alarms	N/A	5.19
- Alarm silence facility	pass	5.20
Operational reliability		
- Compliance	pass	4.1
- Individual alarm indicator	pass	4.2
- Mains-on indicator	N/A	4.3
- Connection of external ancillary devices	N/A	4.4
- Means of calibration	pass	4.5
- User replaceable components	pass	4.6
- Normal power source	pass	4.7
- Standby power source	N/A	4.8
- Electrical safety requirements	pass	4.9
- Routine test facility	pass	4.10
- Terminals for external conductors	N/A	4.11



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Performance list, acc. to EN 14604:2005; EN 14604:2005/AC:2008

<i>Essential Characteristics</i>	<i>Performance</i>	<i>Clause</i>
Operational reliability		
- Battery removal indication	pass	4.13
- Battery connections	pass	4.14
- Battery capacity	pass	4.15
- Protection against the ingress of foreign bodies	pass	4.16
- Additional requirements for software controlled smoke alarms	pass	4.17
- Marking and data	pass	4.19
- Impact	pass	5.11
- Battery fault warning	pass	5.16
- Battery reversal	pass	5.22
- Back-up power source	pass	5.23
- Electrical safety – assessment and testing to determine the adequacy of personal protection against hazardous currents passing through the human body (electric shock), excessive temperature and the start and spread of fire	pass	5.24
Tolerance to supply voltage		
- Variation in supply voltage	pass	5.21
Durability of operational reliability and response delay, temperature resistance		
- Dry heat	pass	5.7
- Cold (operational)	pass	5.8
Durability of operational reliability, vibration resistance		
- Vibration (operational)	pass	5.12
- Vibration (endurance)	pass	5.13
Durability of operational reliability, humidity resistance		
- Damp heat (operational)	pass	5.9
Durability of operational reliability, corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion	pass	5.10
Durability of operational reliability, electrical stability		
- Electromagnetic compatibility (EMC), immunity (operational)	pass	5.14



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