Dedal Attestation & Certification

Notified body No. 1922
Bulgaria, 8230 Nesebar
Mladost #50

CERTIFICATE

of constancy of performance

1922 - CPR - 0847

In compliance with Regulation (EU) 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 systems. Heat detectors. Point detectors. Smoke detectors. Point detectors using scattered light, transmitted light or ionization- Combined temperature and optical infra-red smoke detector D9000-MSR (A1R), with mounting base B9000

(with the performance listed, see Annexes I and II to 1922-CPR-0847 that are an inseparable part of this certificate)

placed on the market under the name or trade mark of

DMTech Ltd.

1 Ekzarh Yosif Str., 5800 Pleven, Bulgaria

and produced in the manufacturing plant of

DMTech Ltd.

16 Nikolay Haytov Str., 5806 Pleven, Bulgaria

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

EN 54-5:2000, EN 54-5:2000/A1:2002 и EN 54-7:2000, EN 54-7:2000/A1:2002, EN 54-7:2000/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 18.04.2017 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 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.

CE

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
ИА "БСА"
Рег. № 12 ОСП
ОРГАН ПО СЕРТИФИКАЦИЯ НА ПРОДУКТИ
EA BAS is an EA MLA signatory

Embossed stamp of "Dedal - A&C" Ltd.

Dedal Attestation & Certification

Manager: Ваилева

dipl. eng. Anna Vasileva

Issued:
Burgas, 09 June 2020

Dedal Attestation & Certification

Notified body No. 1922
Bulgaria, 8230 Nesebar
Mladost #50

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0847/09.06.2020

Performance list, acc. to EN 54-5:2000, EN 54-5:2000/A1:2002

Essential Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
- *Classification*	Pass, A1R	4.2
- *Position of heat sensitive element*	Pass	4.3
- *Directional dependence*	Pass	5.2
- *Static response temperature*	Pass	5.3
- *Response times from typical application temperature*	Pass	5.4
- *Response times from 25 °C*	N/A	5.5
- *Response times from high ambient temperature*	Pass	5.6
- *Reproducibility*	Pass	5.8
- *Additional test for suffix S detectors*	N/A	6.1
- *Additional test for suffix R detectors*	Pass	6.2
Operational reliability		
- *Individual alarm indication*	Pass	4.4
- *Connection of ancillary devices*	Pass	4.5
- *Monitoring of detachable detectors*	Pass	4.6
- *Manufacturer's adjustments*	Pass	4.7
- *On-site adjustment of response behaviour*	N/A	4.8
- *Marking*	Pass	4.9
- *Data*	Pass	4.10
- *Additional requirements for software controlled detectors*	Pass	4.11
Tolerance to supply voltage		
- *Variation in supply parameters*	Pass	5.7
Durability of operational reliability and response delay, temperature resistance		
- *Cold (operational)*	Pass	5.9
- *Dry heat (endurance)*	N/A	5.10
Durability of operational reliability, vibration resistance		
- *Shock (operational)*	Pass	5.14
- *Impact (operational)*	Pass	5.15
- *Vibration, sinusoidal (operational)*	Pass	5.16
- *Vibration, sinusoidal (endurance)*	Pass	5.17
Durability of operational reliability, humidity resistance		
- *Damp heat, cyclic (operational)*	Pass	5.11
- *Damp heat, steady state (endurance)*	Pass	5.12
Durability of operational reliability, corrosion resistance		
- *Sulphur dioxide (SO_2) corrosion (endurance)*	Pass	5.13
Durability of operational reliability, electrical stability		
- *Electromagnetic compatibility (EMC), immunity (operational)*	Pass	15.18

CE

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

ИА "БСА"
Рег. № 12 ОСП
ОРГАН ПО СЕРТИФИКАЦИЯ НА ПРОДУКТИ

EA BAS is an EA MLA signatory

Embossed stamp of "Dedal - A&C" Ltd.

Manager:

Dedal Attestation & Certification

dipl. eng. Anna Vasileva

Issued:
Burgas, 09 June 2020

Dedal Attestation & Certification

Notified body No. 1922
Bulgaria, 8230 Nesebar
Mladost #50

ANNEX II TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0847/09.06.2020

Performance list, acc. to EN 54-7:2000, EN 54-7:2000/A1:2002, EN 54-7:2000/A2:2006

Essential Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
- *Response to slowly developing fires*	N/A	4.8
- *Repeatability*	Pass	5.2
- *Directional dependence*	Pass	5.3
- *Reproducibility*	Pass	5.4
- *Air movement*	Pass	5.6
- *Dazzling*	Pass	5.7
- *Fire sensitivity*	Pass	5.18
Operational reliability		
- *Individual alarm indication*	Pass	4.2
- *Connection of ancillary devices*	Pass	4.3
- *Monitoring of detachable detectors*	Pass	4.4
- *Manufacturer's adjustments*	Pass	4.5
- *On-site adjustment of response behaviour*	N/A	4.6
- *Protection against the ingress of foreign bodies*	Pass	4.7
- *Marking*	Pass	4.9
- *Data*	Pass	4.10
- *Additional requirements for software controlled detectors*	Pass	4.11
Tolerance to supply voltage		
- *Variation in supply parameters*	Pass	5.5
Durability of operational reliability and response delay, temperature resistance		
- *Dry heat (operational)*	Pass	5.8
- *Cold (operational)*	Pass	5.9
Durability of operational reliability, vibration resistance		
- *Shock (operational)*	Pass	5.13
- *Impact (operational)*	Pass	5.14
- *Vibration, sinusoidal (operational)*	Pass	5.15
- *Vibration, sinusoidal (endurance)*	Pass	5.16
Durability of operational reliability, humidity resistance		
- *Damp heat, steady state (operational)*	Pass	5.10
- *Damp heat, steady state (endurance)*	Pass	5.11
Durability of operational reliability, corrosion resistance		
- *Sulphur dioxide (SO2) corrosion (endurance)*	Pass	5.12
Durability of operational reliability, electrical stability		
- *Electromagnetic compatibility (EMC), immunity (operational)*	Pass	5.17

CE

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
ИА "БСА"
Рег. № 12 ОСП
ОРГАН ПО СЕРТИФИКАЦИЯ НА ПРОДУКТИ
EA BAS is an EA MLA signatory

Embossed stamp of "Dedal - A&C" Ltd.

Dedal Attestation & Certification

Manager: Васильева

dipl. eng. Anna Vasileva

Issued:
Burgas, 09 June 2020