

# CERTIFICATE

## of constancy of performance 1922 - CPR - 0943

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. Manual call points. Conventional manual call point - model D9000 MCP, type A**

(with the performance listed, see Annex I that is 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 54-11:2001, EN 54-11:2001/A1:2005**

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 06.12.2017 and will remain valid until 18.04.2020 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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](http://www.dedal-bg.net).



Issued:  
Burgas, 6 December 2017

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

Manager:

  
**Dedal**  
Attestation &  
Certification

arch. Galina Vasileva



## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0943/06.12.2017

Performance list, acc. to EN 54-11:2001; EN 54-11:2001/A1:2005

Characteristics	Compliance	Clause
<b>Nominal activation conditions / Sensitivity and Performance under fire conditions</b>		
- Alarm condition	Pass	4.3.2
- Indicators for alarm condition	Pass	4.4
- Safety aspects	Pass	4.7.1
- Protection against accidental operation	Pass	4.7.4
- Operational performance test	Pass	5.2
- Function test	Pass	5.3
<b>Operational reliability</b>		
- Marking and data	Pass	4.2
- Normal condition	Pass	4.3.1
- Reset facility	Pass	4.5
- Test facility	Pass	4.6
- Shape, dimensions and colours	Pass	4.7.2
- Symbols and lettering	Pass	4.7.3
- Environment category	Pass	4.7.5
- Additional requirements for software controlled manual call points	N/A	4.8
- Test facility test (operational)	Pass	5.4
- Reliability test (endurance)	Pass	5.5
<b>Durability of operational reliability, temperature resistance</b>		
- Dry heat (operational)	Pass	5.7
- Dry heat (endurance)	N/A	5.8
- Cold (operational)	Pass	5.9
<b>Durability of operational reliability, vibration resistance</b>		
- Shock (operational)	Pass	5.14
- Impact (operational)	Pass	5.15
- Vibration, sinusoidal (operational)	Pass	5.16
- Vibration, sinusoidal (endurance)	Pass	5.17
<b>Durability of operational reliability, humidity resistance</b>		
- Damp heat, cyclic (operational)	Pass	5.10
- Damp heat, cyclic (endurance)	N/A	5.11
- Damp heat, steady state (endurance)	Pass	5.12
- Enclosure protection	N/A	5.19
<b>Durability of operational reliability, corrosion resistance</b>		
- Damp heat, cyclic (endurance)	N/A	5.11
- Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	Pass	5.13
<b>Durability of operational reliability, electrical stability</b>		
- Variation of supply parameters	Pass	5.6
- Electromagnetic compatibility (EMC) (operational)	N/A	5.18



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