

# CERTIFICATE

## of constancy of performance

### 1922 - CPR - 1952

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. Fire alarm devices. Sounders.**  
**Multitek KS-20 - Conventional Fire Alarm Siren ( Red)**

(For list of controlled characteristics, see Annex I to 1922 - CPR - 1952 that are an inseparable part of this certificate)

placed on the market under the name or trade mark of

**Multitek Elektronik Sanayi ve Ticaret A.Ş.**

**Meclis Mah. Atatürk Cad. No:47 34785 Sancaktepe/ İstanbul/ Türkiye**

and produced in the manufacturing plant of

**BT-001**

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

**EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/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 10.04.2023 and will remain valid until 10.04.2024 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 and is reissued after each 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).



Manager:

*Anna Vasileva*

dipl. eng. Anna Vasileva

Issued:  
Burgas, 10 April 2023

Ref. No. 01-00



## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

### 1922-CPR-1952/ 10.04.2023

Performance list, acc. to EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006

Essential Characteristics	Performance	Clause
<b>Performance parameters under fire conditions</b>		
- Sound level	Pass	4.2
- Frequencies and sound pattern	Pass	4.3
- Reproducibility	Pass	5.2
- Operational performance	Pass	5.3
- Attention drawing signal and message broadcast sequences	N/A	C.3.1
- Synchronisation	N/A	C.3.2
- Broadcast message performance	N/A	C.5.1
- Attention drawing signal/silence/message sequence timing	N/A	C.5.2
- Message synchronization testing	N/A	C.5.3
<b>Operational reliability</b>		
- Durability	Pass	4.4
- Construction	Pass	4.5
- Marking and data	Pass	4.6
- Durability	Pass	5.4
- General testing	N/A	C.4
<b>Durability of operational reliability, temperature resistance</b>		
- Dry heat (operational)	Pass	5.5
- Dry heat (endurance)	N/A	5.6
- Cold (operational)	Pass	5.7
- Damp heat, cyclic (operational)	Pass	5.8
- Damp heat, steady state (endurance)	Pass	5.9
<b>Durability of operational reliability, humidity resistance</b>		
- Damp heat, cyclic (operational)	Pass	5.8
- Damp heat, steady state (endurance)	Pass	5.9
- Damp heat, cyclic (endurance)	N/A	5.10
<b>Durability of operational reliability, corrosion resistance</b>		
- Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	Pass	5.11
<b>Durability of operational reliability, shock and vibration resistance</b>		
- Shock (operational)	Pass	5.12
- Impact (operational)	Pass	5.13
- Vibration, sinusoidal (operational)	Pass	5.14
- Vibration, sinusoidal (endurance)	Pass	5.15
<b>Durability, electrical stability</b>		
- Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.16
<b>Durability of operational reliability, resistance to ingress</b>		
- Enclosure protection	Pass	5.17



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