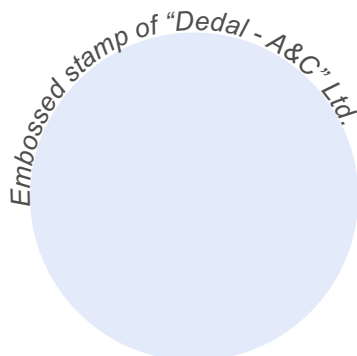


## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0845/14.04.2020

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

### Conventional rate of rise heat detector D9000 T (A1R)

Essential Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
- Classification	pass	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	pass	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	pass	5.7
Durability of operational reliability and response delay, temperature resistance		
- Cold (operational)	pass	5.9
- Dry heat (endurance)	pass	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	pass	5.13
Durability of operational reliability, electrical stability	pass	5.18



Issued:  
Burgas, 14 April 2020

Manager:



dipl.eng. Anna Vasileva

