

## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 1271/14.04.2020

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

Essential Characteristics	Performance	Clause
<b>Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions</b>		
- 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
<b>Operational reliability</b>		
- 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	N/A	4.11
<b>Tolerance to supply voltage</b>		
- Variation in supply parameters	Pass	5.7
<b>Durability of operational reliability and response delay, temperature resistance</b>		
- Cold (operational)	Pass	5.9
- Dry heat (endurance)	N/A	5.10
<b>Durability of operational reliability, vibration resistance</b>		
- Shock (operational)	NPD	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	5.11
- Damp heat, steady state (endurance)	Pass	5.12
<b>Durability of operational reliability, corrosion resistance</b>		
- Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	NPD	5.13
<b>Durability of operational reliability, electrical stability</b>		
- Electromagnetic compatibility (EMC), immunity (operational)	Pass	15.8



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Attestation &  
Certification

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