

# CERTIFICATE

of constancy of performance

**1922 - CPR - 0544**

In compliance with Regulation 305/2011/EU 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 - RD-100, HD-101**

(For list of controlled characteristics, see Annex 1 to 1922 - CPR - 0544 that is an inseparable part of this certificate)

produced by

**Sana Pajouhesh Gostar Co. SENS**

**No. 3, 2nd West Alley, Irdak Industrial St., Tabriz, Iran**

and produced in the manufacturing plant of

**Sana Pajouhesh Gostar Co. SENS**

**No. 3, 2nd West Alley, Irdak Industrial St., Tabriz, Iran**

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

**EN 54-5:2000, EN 54-5:2000/A1:2002**

under system 1 were applied and that the products fulfil all the prescribed requirements set out above. This certificate was first issued on 13.01.2016 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. This certificate should be reissued not later than 16.10.2016. The validity of this certificate can be verified in the CE register on [www.dedal-bg.net](http://www.dedal-bg.net).



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Manager:

arch. Galina Vasileva

**ANNEX I TO CERTIFICATE OF CONFORMITY OF CONSTANCY OF PERFORMANCE  
1922-CPR-0544/ 13.01.2015**

Essential Characteristics	Performance	Clause
<b>Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions</b>		
- 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
<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	pass	4.8
- Marking	pass	4.9
- Data	pass	4.10
- Additional requirements for software controlled detectors	pass	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
<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	5.11
- Damp heat, steady state (endurance)	pass	5.12
<b>Durability of operational reliability, corrosion resistance</b>		
- Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	pass	5.13
<b>Durability of operational reliability, electrical stability</b>		
- Electromagnetic compatibility (EMC), immunity (operational)	pass	5.18



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