



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx EPIL 24.0001X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2025-06-29		
Applicant:	Simin Gaman Aria Co. 8th Floor, No. 23, Karimkhan Zand Ave., Ghaemmagham Farahani St., Sanaei St., Ghaemmagham, Tehran City, central Dist., Tehran City, Tehran Province, Iran. Tehran Iran, Islamic Republic of		
Equipment:	Flame detector		
Optional accessory:			
Type of Protection:	Equipment protection by flameproof enclosures "d"		
Marking:	Ex db IIC T6 Gb		

Approved for issue on behalf of the IECEx
Certification Body:

Seyed Mohsen Mirsadri

Position:

CEO and Certification Body Manager

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

EPIL Testing, Inspection and Certification
Unit 12, No. 2, Boujari Sefat Dead-End, Corner of Fariman St.,
Bozorgmehr St., Vali-Asr Ave.,
Tehran 1416854523
Iran, Islamic Republic of





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Manufacturer: **Simin Gaman Aria Co.**
8th Floor, No. 23, Karimkhan Zand Ave., Ghaemmagham Farahani St., Sanaei St., Ghaemmagham, Tehran City, central Dist., Tehran City, Tehran Province, Iran.
Tehran
Iran, Islamic Republic of

Manufacturing locations: **Simin Gaman Aria Co.**
8th Floor, No. 23, Karimkhan Zand Ave., Ghaemmagham Farahani St., Sanaei St., Ghaemmagham, Tehran City, central Dist., Tehran City, Tehran Province, Iran.
Tehran
Iran, Islamic Republic of

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

IR/EPIL/ExTR24.0008/00

Quality Assessment Report:

IR/EPIL/QAR25.0002/00



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Flame detector model SFD-1000 is designed and manufactured for fast detection of the flame and prevent its spread in industrial, workshop environments, using ultraviolet and infrared sensors with false alarm rejection technology.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Cable glands and any blanking elements mounted on the entries of the enclosure shall be certified according to flameproof characteristics of the equipment in sense of type of protection, Gas group, Ambient or service temperature.
- Special ambient temperature -20°C up to 60°C.
- The flameproof joints are not intended to be repaired.
- The equipment is always to be bonded via the suitable external earth connection.
- In case of non-conductive paint on equipment enclosure, the thickness of paint is to be less than 0.2 mm for Group IIC.
- Installation and maintenance shall be carried out according to Instructions for use.
- For screw replacement purposes, the fasteners shall be Class A4-70.
- After the complete installation of the product, the end-user shall ensure the effective equipotential bonding connection of the assembly parts together.
- Potential electrostatic charging hazard: clean only with damp cloth.

Annex:

[IECEx EPIL 24.0001X issue No. 0.pdf](#)

Annex to Certificate: IECEx EPIL 24.0001X issue No. 0
Applicant: Simin Gaman Aria Co.
Apparatus: SFD-1000-X-Y-T Flame Detector



Model: SFD-1000-X-Y-T

Key table:

SFD-1000	X: Sensor Type	Y: Body Material	T: Automatic BIT
	U: UV/IR R: IR4	A: Aluminum	Y: Included N: Not Included

Degree of protection (IP code): IP66

Routine test:

The manufacturer shall carry out the routine test prescribed at clauses 27 of the IEC 60079-0. The overpressure test with static method shall be performed at 8 bar. The period of application of the pressure shall be at least 10 s.