

EU Declaration of Conformity – ATEX

The following product is covered by this Declaration of Conformity:

- Fireray 3000 Ex d Explosion Proof End-to-End Optical Beam Detector

This product is manufactured by FFE Limited, 9 Hunting Gate, Hitchin, Hertfordshire, SG4 0TJ, United Kingdom.

This Declaration of Conformity is issued under the sole responsibility of the manufacturer; we hereby declare that the product identified above is in conformity with the following:

- Directive 2014/34/EU ATEX Directive
(previously Directive 94/9/EC)

Relevant harmonised standards to which conformity is declared:

- EN IEC 60079-0:2018 Explosive atmospheres – Part 0: Equipment - General requirements
- EN 60079-1:2014 Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures "d"
- EN 60079-28: 2015 Explosive atmospheres – Part 28: Protection of equipment and transmission systems using optical radiation
- EN 60079-31:2014¹ Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
- EN IEC 60079-31:2024¹ Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"

1. A gap analysis has been performed between the previously applied standard and the updated version referenced above. The assessment confirmed that the revisions do not introduce changes affecting conformity for our Fireray 3000 Ex d, which continues to fulfil the applicable requirements and represent the “state of the art”.

Information required by 2014/34/EU (the ATEX Directive):

- Product Marking: II 2 GD Ex db op is IIC T6 Gb
Ex tb IIIC T85°C Db
Ta = -20°C to +55°C
- Production/Product Quality Assurance: CSA Group Netherlands B.V., Notified Body Number 2813
- Sira Certification Service (Notified Body Number 0518), performed an EC-Type Examination in accordance with Annex III of Directive 94/9/EC and issued EC-Type Examination Certificate Sira 15ATEX1260.

Responsibility for EC-Type Examination Certificate Sira 15ATEX1260 was transferred from Sira Certification Service (Notified Body Number 0518) to CSA Group Netherlands B.V. (Notified Body Number 2813), on 15 October 2019. As part of the transfer, EC-Type Examination Certificate Sira 15ATEX1260 was updated to Issue 1 and reissued as an EU-Type Examination Certificate in accordance with Directive 2014/34/EU.

As part of a variation assessment, Specific Conditions of Use were introduced, and an ‘X’ suffix was added to the certificate number. EU-Type Examination Certificate Sira 15ATEX1260X was updated to Issue 2 and reissued on the 14 February 2024.

Additional information:

- IECEx Certificate of Conformity: IECEx SIR 15.0089X, Issued by CSA Group Testing UK Ltd

This declaration is made for and on behalf of FFE Limited by the Technical Director, Mahesh de Silva.

Signature: *Mahesh de Silva*

Date: 28/01/2026