



### EU Declaration of Conformity

Product Range	Description
Moflash Intrinsically Safe Range	Intrinsically Safe Beacon, Sounder, and Sounder/Beacons

Moflash Signalling Limited declares in its sole responsibilities that the whole of the products detailed herein have been manufactured in accordance with the conditions and requirements of the following standards:

Applicable Standards	Title
EN IEC 61000-6-1: 2019	EMC, Generic standards. Immunity standard for residential, commercial and light-industrial environments.
EN IEC 61000-6-2: 2019	EMC, Generic standards. Immunity standard for industrial environments.
EN IEC 61000-6-3: 2021	EMC, Generic standards. Emission standard for equipment in residential environments.
EN IEC 61000-6-4: 2019	EMC, Generic standards. Emission standard for industrial environments.
EN 50130-4:2011 + A1:2014	Alarm systems. Electromagnetic compatibility. Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems.
EN 61010-1:2010 + A1:2019	Safety requirements for electrical equipment for measurement, control, and laboratory use.
EN IEC 60947-1:2021	Low-voltage switchgear and control gear. General rules.
EN 60947-5-1:2017	Low-voltage switchgear and control gear. Control circuit devices and switching elements. Electromechanical control circuit devices.
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.
EN 60529:1992 + A2:2013	Degrees of protection provided by enclosures (IP Code).
EN IEC 62368-1:2020+A11:2020	Audio/video, information and communication technology equipment. Safety requirements.
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
EN IEC 60079-0:2018	Explosive atmospheres. Equipment. General requirements
EN 60079-11:2012	Explosive atmospheres. Equipment protection by intrinsic safety "i"
EN 54-3: 2001 + A1: 2002 + A2: 2006 EN 54-3: 2014 + A1: 2019	Fire detection and fire alarm systems - Fire alarm devices Sounders (IS-S & IS-SB Only)

Following the provisions of the below directives

EU Directives	Title
2014/30/EU	The Electromagnetic Compatibility Regulations (EMC)
2014/34/EU	Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres
2011/65/EU	The Restriction of the Use of Certain Hazardous Substances (RoHS)
2012/19/EU	The Waste Electrical and Electronic Equipment Regulations (WEEE)
EC 1907/2006	The REACH etc. (Amendment etc.) (EU Exit) Regulations

Notified bodies: **Element Rotterdam BV (2812)** for production certification and Quality assurances.  
 The products described in this document are manufactured according to our Production Quality Assurance Notification No. EMT17QAN0001.  
 Authorised Representative: Authorised Representation Service, 77 Camden Street Lower, Dublin D02 XE80 Ireland.

IS-B-02-XX	IS-S-02	IS-SB-02-XX
EMT17ATEX0012X	EMT17ATEX0012X	EMT17ATEX0012X
IECEx EMT 17.0005X	IECEx EMT 17.0005X	IECEx EMT 17.0005X
I M1 Ex ia I Ma	I M1 Ex ia I Ma	I M1 Ex ia I Ma
II 1 GD Ex ia IIC T5 Ga	II 1 GD Ex ia IIC T6 Ga	II 1 GD Ex ia IIC T5 Ga
Ex ia IIIC T <sub>200</sub> 85°C Da	Ex ia IIIC T <sub>200</sub> 85°C Da	Ex ia IIIC T <sub>200</sub> 85°C Da
-40°C ≤ Ta ≤ 60°C	-40°C ≤ Ta ≤ 60°C	-40°C ≤ Ta ≤ 60°C

Signed for and on behalf of **Moflash Signalling Limited.**

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Marc Bailey - Company Director

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