

CERTIFICATE OF COMPLIANCE

Certificate Number E230764
Report Reference E230764-20150818
Date 2022-January-20

Issued to: European Safety Systems Ltd
Impress House
Mansell Rd.
London W3 7QH GB

This is to certify that representative samples of AUDIBLE-SIGNAL APPLIANCES FOR USE IN HAZARDOUS LOCATIONS
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

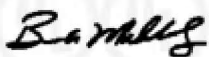
Standard(s) for Safety: See Addendum Page for Standards.

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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Models:

Class I, Division 1, Groups A, B, C and D Hazardous Locations;

Sounders, general signalling:

Models D1xS1-DC024-A, D1xS1-DC024-S, D1xS1-AC230-A, D1xS2-DC024-A, D1xS2-DC024-S and D1xS2-AC230-A.

Sounders, public mode:

Models D1xS1-DC024-A, D1xS1-DC024-S, D1xS2-DC024-A and D1xS2-DC024-S.

Combined Sounder Beacons, general signalling (all lens color):

Models D1xC1X05-DC024-A, D1xC1X05-AC115-A, D1xC1X05-AC230-A, D1xC2X05-DC024-A, D1xC2X05-AC115-A, D1xC2X05-AC230-A, D1xC1X10-DC024-A, D1xC1X10-AC115-A, D1xC1X10-AC230-A, D1xC2X10-DC024-A, D1xC2X10-AC115-A and D1xC2X10-AC230-A. These devices are suitable only in the specific atmospheres indicated in the manufacturer's instruction manual document D190-00-xxx-IS-SC, where xxx is the 3 digits to the relevant instruction manual document, supplied with each device.

Combined Sounder Beacons, public mode sounder, private mode beacon (clear lens only):

Models D1xC1X05-DC024-A, D1xC2X05-DC024-A, D1xC1X10-DC024-A and D1xC2X10-DC024-A. These devices are suitable only in the specific atmospheres indicated in the manufacturer's instruction manual document D190-00-xxx-IS-SC, where xxx is the 3 digits to the relevant instruction manual document, supplied with each device.

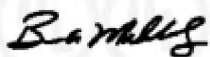
Class II, Division 1, Groups F and G Hazardous Locations.

Sounders, general signalling:

Models D1xS1-DC024-D, D1xS1-AC230-D, D1xS2-DC024-D and D1xS2-AC230-D.

Combined Sounder Beacons, general signalling:

Models D1xC1X05-DC024-D, D1xC1X05-AC115-D, D1xC1X05-AC230-D, D1xC2X05-DC024-D, D1xC2X05-AC115-D and D1xC2X05-AC230-D.



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Standards:

UL 1203, ExplosionProof and Dust-IgnitionProof Electrical Equipment for Use in Hazardous (Classified)

Locations

CSA C22.2 No. 30, Explosion-proof equipment

CSA C22.2 No. 25, Enclosures for Use in Class II Groups E, F, and G Hazardous Locations

UL 464, Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories

CAN/ULC-S525, Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories

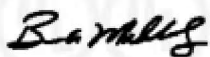
UL 1638, Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories

CAN/ULC-S526, Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories

UL 464A, Audible Signal Appliances for General Signaling Use

UL 1638A, Visual Signal Appliances for General Signaling Use

C22.2 No. 205-17, Signal Equipment



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CERTIFICATE OF COMPLIANCE

Certificate Number E245313
Report Reference E245313-2019-05-17
Date 2020-December-17

Issued to: European Safety Systems Ltd
Impress House
Mansell Rd.
London W3 7QH GB

This is to certify that representative samples of VISUAL-SIGNAL APPLIANCES FOR USE IN HAZARDOUS LOCATIONS
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.


Standard(s) for Safety: See Addendum Page for Standards.

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

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MODELS:

Visual signal devices, Models D1xB2LD2DC024, D1xB2LD2AC115, D1xB2LD2AC230, D1xB2X05DC012, D1xB2X05DC024, D1xB2X05DC024-SIL, D1xB2X05DC048, D1xB2X05AC115, D1xB2X05AC230, D1xB2X10DC024, D1xB2X10DC024-SIL, D1xB2X10DC048, D1xB2X10AC115, D1xB2X10AC230, D1xB2X15DC024, D1xB2X15DC024-SIL, D1xB2X15DC048, D1xB2X15AC115, D1xB2X15AC230, D1xB2X21DC024, D1xB2X21DC048, D1xB2X21AC115 and D1xB2X21AC230. Each may be followed by up to four non certification specific alphanumeric characters;. Accessory Junction Boxes for use with the Visual signal devices, models D1xJ2T01, D1xJ2D01 and D1xJ2M01, each may be followed by up to four non certification specific alphanumeric characters for use in:

USL Class I Division 1 Groups A, B, C and D;
Class II Division 1 Groups E, F and G; Class III; Hazardous Locations.


Class I Zone 1 AEx db IIC Gb;
Zone 21 AEx tb IIIC Db; Hazardous Locations.

CNL Class I Division 1 Groups A, B, C and D;
Class II Division 1 Groups E, F and G; Class III; Hazardous Locations.

Zone 1 Ex db IIC Gb X;
Zone 21 Ex tb IIIC Db X; Hazardous Locations.

STANDARDS :

UL1203, ExplosionProof and Dust-IgnitionProof Electrical Equipment for Use in Hazardous (Classified) Locations,
UL60079-0, Explosive Atmospheres - Part 0: Equipment - General Requirements,
UL60079-1, Standard for Explosive Atmospheres Part 1: Equipment Protection by Flameproof Enclosures d,
UL60079-31, Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t"
CSA C22.2 No. 30, Explosion-proof equipment,
CSA C22.2 No. 25, Enclosures for Use in Class II Groups E, F, and G Hazardous Locations,
CSA C22.2 No. 60079-0, Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements,
CSA C22.2 No. 60079-1, Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d",
CSA C22.2 No. 60079-31, Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t",
UL 1638A STANDARD FOR VISUAL SIGNAL APPLIANCES FOR GENERAL SIGNALING USE



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UL 1638 VISIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS,
INCLUDING ACCESSORIES
CAN/ULC S526 VISIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS,
INCLUDING ACCESSORIES
CSA C22.2 NO. 205-17 SIGNAL EQUIPMENT



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