

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150323-E230764  
**Report Reference** E230764-20140624  
**Issue Date** 2015-MARCH-23

**Issued to:** EUROPEAN SAFETY SYSTEMS LTD  
UNITS 18 & 20, IMPRESS HOUSE  
MANSELL ROAD, ACTON  
LONDON  
W3 7QH UNITED KINGDOM

**This is to certify that  
representative samples of**

AUDIBLE-SIGNAL APPLIANCES FOR USE IN  
HAZARDOUS LOCATIONS  
Complementary Product Category  
AUDIBLE-SIGNAL APPLIANCES FOR USE IN ZONE  
CLASSIFIED HAZARDOUS  
LOCATIONS

**See Addendum Page**

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

**Standard(s) for Safety:**  
**Additional Information:**

See Addendum Page  
See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## MODEL:

Audible signal devices, Models D2xS1DC024, D2xS1DC048, D2xS1AC115 and D2xS1AC230, each may be followed by up to four non certification specific alphanumeric characters, for use in:

USL Class I, Division 2, Groups A, B, C and D;  
Class II, Division 2, Groups F and G; Class III; Hazardous Locations.

Class I Zone 2 AEx nA IIC;  
Zone 22 AEx tc IIIC; Hazardous Locations.

CNL Class I, Division 2, Groups A, B, C and D;  
Class II, Division 2, Groups F and G; Class III; Hazardous Locations.

Ex nA IIC Gc;  
Ex tc IIIC Dc;  
Class II, Division 2, Groups E, F and G; Hazardous Locations.

\* Audible-Visual signal devices, Models D2xC1x05DC024, D2xC1x05DC048, D2xC1x05AC115, D2xC1x05AC230, D2xC1x10DC024, D2xC1x10DC048, D2xC1x10AC115 and D2xC1x10AC230, each may be followed by up to four non certification specific alphanumeric characters, for use in:

USL Class I, Division 2, Groups A, B, C and D; Hazardous Locations.  
Class II, Division 2, Groups F and G; Class III; Hazardous Locations.

Class I Zone 2 AEx nA IIC;  
Zone 22 AEx tc IIIC; Hazardous Locations.

CNL Class I, Division 2, Groups A, B, C and D; Hazardous Locations.  
Class II, Division 2, Groups F and G; Class III; Hazardous Locations.

Ex nA IIC;  
Ex tc IIIC  
Class II, Division 2, Groups E, F and G; Hazardous Locations.



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## STANDARDS

Standard No. ANSI/ISA 12.12.01, 2013, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations  
Standard No. CAN/CSA C22.2 No. 213-M1987, 1st Ed., Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations  
CSA C22.2 NO. 157-92 Intrinsically Safe and Non-Incendive Equipment for use in Hazardous Locations - Edition 3 - Revision Date 2006/01/01  
Standard No. CAN/CSA-C22.2 No. 60079-0:11, Explosive atmospheres — Part 0: Equipment — General requirements  
Standard No. CAN/CSA C22.2 No. 60079-15:12, Electrical apparatus for explosive gas atmospheres — Part 15:  
Construction, test and marking of type of protection “n” electrical apparatus  
Standard No. CAN/CSA-C22.2 No. 60079-31:12, Explosive atmospheres — Part 31: Equipment dust ignition protection by enclosure “t”  
Standard No. UL 60079-0, 6th Ed., Explosive atmospheres – Part 0: Equipment – General requirements  
Standard No. UL 60079-15, 4th Ed., Rev. 2013-08-02 Explosive atmospheres – Part 15: Equipment protection by type of protection  $2n^2$   
Standard No. ANSI/ISA-60079-31-2009, Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure “t”  
UL 1638, Standard for visual signaling appliances – private mode emergency and general utility signaling, Edition 2, dated 2012-11-01  
UL 464, Standard for audible signal appliances, Edition 9, dated 2009-08-14.  
CSA C22.2 No. 205, Signal equipment, Edition 2, dated 2012-11-01.  
UL 50E, Enclosures for Electrical Equipment, Environmental Considerations, dated September 4, 2007



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