



**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
 OFFICE OF THE STATE FIRE MARSHAL
 FIRE ENGINEERING & INVESTIGATIONS DIVISION
 BUILDING MATERIALS LISTING PROGRAM**

LISTING SERVICE

LISTING No.:	7136-2279:0506
CATEGORY:	7136 - AUDIBLE DEVICES FOR HAZARDOUS LOCATIONS
LISTEE:	European Safety Systems LTD Units 18 & 20, Impress House, Mansell Road, Acton, London, , W3 7QH, GB Contact: King, Alan Email: alan.king@e2s.com
DESIGN:	<p>Models D1xS1-DC024, D1xS1-DC024-D, D1xS1-AC230, D1xS1-AC230-D, D1xS2-DC024, D1xS2-DC024-D, D1xS2-AC230 and D1xS2-AC230-D sounder.</p> <p>Models D1xC1X05-DC024, D1xC1X05-DC024-D, D1xC1X05-AC115, D1xC1X05-AC115-D, D1xC1X05-AC230, D1xC1X05-AC230-D, D1xC2X05-DC024, D1xC2X05-DC024-D, D1xC2X05-AC115, D1xC2X05-AC115-D, D1xC2X05-AC230, D1xC2X05-AC230-D, D1xC1X10-DC024, D1xC1X10-AC115, D1xC1X10-AC230, D1xC2X10-DC024, D1xC2X10-AC115 and D1xC2X10-AC230 sounder beacon.</p> <p>Class I, Division 1, Groups A, B, C and D Hazardous Locations;</p> <p>Sounders, general signaling: Models D1xS1-DC024, D1xS1-AC230, D1xS2-DC024 and D1xS2-AC230.</p> <p>Sounders, public mode: Models D1xS1-DC024 and D1xS2-DC024.</p> <p>Combined Sounder Beacons, general signalling (all lens color):</p> <p>Models D1xC1X05-DC024, D1xC1X05-AC115, D1xC1X05-AC230, D1xC2X05-DC024, D1xC2X05-AC115, D1xC2X05-AC230, D1xC1X10-DC024, D1xC1X10-AC115, D1xC1X10-AC230, D1xC2X10-DC024, D1xC2X10-AC115 and D1xC2X10-AC230. 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.</p> <p>Combined Sounder Beacons, public mode sounder, private mode beacon (clear lens only): Models D1xC1X05-DC024, D1xC2X05-DC024, D1xC1X10-DC024 and D1xC2X10-DC024. 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.</p> <p>Class II, Division 1, Groups F and G Hazardous Locations.</p> <p>Sounders, general signaling: Models D1xS1-DC024-D, D1xS1-AC230-D, D1xS2-DC024-D and D1xS2-AC230-D.</p> <p>Combined Sounder Beacons, general signaling: Models D1xC1X05-DC024-D, D1xC1X05-AC115-D, D1xC1X05-AC230-D, D1xC2X05-DC024-D, D1xC2X05-AC115-D and D1xC2X05-AC230-D.</p> <p>The Sounders are for use in Hazardous Locations. One enclosure design is consistent throughout the series, with variations of internal components installed to cater for the different electrical characteristics.</p>



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	<p>The DC powered Sounders described in this Report are intended for Public Safety and have been assessed for such use.</p> <p>The Combined Sounder Beacons are for use in Hazardous Locations. One enclosure design is consistent throughout the series, with variations of internal components installed to cater for the different electrical characteristics. The Combined Sounder Beacons utilise components identical to those in the Sounders described above, with the addition of the Beacon circuitry and components.</p> <p>Refer to listee's printed data sheet for additional detailed product description and operational considerations.</p>	
RATING:	Refer to listee's printed datasheet for electrical and environmental ratings.	
INSTALLATION:	In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.	
MARKING:	Listee's name, model number, electrical rating, and UL label.	
APPROVAL:	<p>Listed as audible and audible visual devices for use in hazardous locations when used with separately listed compatible fire alarm control units.</p> <p>Refer to Manufacturers Installation Instruction Manual for details.</p>	
NOTES:		

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This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

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Listing Expires: 06/30/2024

Authorized By: **Victor Wong**, Program Coordinator
Fire Engineering & Investigations Division