



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 161.002/69/0

Expires: 21 July 2030

FIRE DETECTION SYSTEMS
Audible Alarm Signaling Notification Device

European Safety Systems Ltd.
Impress House,
London W3 7QH UNITED KINGDOM

AL100X, AL105NX, AL112NX, AL121X series of products approved as an audible signal notification device for use in Category 1, 2, and 3 spaces. Products include a supplemental strobe.

AL100X, AL105NX, AL112NX, AL121X series products meet IEC 60092-504 criteria for Category 1, 2, and 3 spaces, and meets UL 464, "Standard for Safety for Audible Signal Appliances". The supplemental strobe is approved for use as excess equipment.

Identifying Data: AL105NX Manual D218-00-251-IS dated September 01, 2021; AL112NX Manual D221-00-201-IS dated August 09, 2021; AL121X Manual D221-00-251-IS dated May 27, 2021; AL100X Manual D218-00-201-IS dated July 31, 2024; Test Report 104115021LHD-021, issued March 31, 2021, 104115021LHD-001a & 104115021LHD-001b issued July 23, 2020; UL 464 listing by Underwriters Laboratory.

The system must be installed and configured in accordance with, 46 CFR 161.002, 46 CFR Subchapter J, and the 2010 or later version of NFPA 72, using A or X pathways. This is in addition to any other requirements specific to the vessel and its route.

Extends certificate dated June 15, 2022, updated to add AL100X model, deemed similar to existing approved models.

*** End ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.

GIVEN UNDER MY HAND THIS 21st DAY OF
JULY 2025, AT WASHINGTON D.C.

A. M. PARKER
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT



TERMS: The approval of the item described on the face of the Certificate has been based upon the submittal of satisfactory evidence that the item complies with the applicable provisions of the navigation and shipping laws and the applicable regulations in Title 33 and/or Title 46 of the Code of Federal Regulations. The approval is subject to any conditions noted on this Certificate and in the applicable laws and regulations governing the use of the item on vessels subject to Coast Guard inspection or on other vessels and boats.

Consideration will be given to an extension of this approval provided application is made 3 months prior to the expiration date of this Certificate.

The approval holder is responsible for making sure that the required inspections or tests of materials or devices covered by this approval are carried out during production as prescribed in the applicable regulations.

The approval of the item covered by this certificate is valid only so long as the item is manufactured in conformance with the details of the approved drawings, specifications, or other data referred to. No modification in the approved design, construction, or materials is to be adopted until the modification has been presented for consideration by the Commandant and confirmation received that the proposed alteration is acceptable.

NOTICE: Where a manufacturer of safety-at-sea equipment is offering for sale to the maritime industry, directly or indirectly, equipment represented to be approved, which fails to conform with either the design details or material specifications, or both, as approved by the Coast Guard, immediate action may be taken to invoke the various penalties and sanctions provided by law including prosecution under 46 U.S.C. 3318, which provides:

"A person that knowingly manufactures, sells, offers for sale, or possesses with intent to sell, any equipment subject to this part (*Part B. of Subtitle II of Title 46 U.S.C.*) and the equipment is so defective as to be insufficient to accomplish the purpose for which it is intended, shall be fined not more than \$10,000, imprisoned for not more than 5 years or both."