



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

Coast Guard Approval Number: 162.050/9064/0

Expires: 9 September 2028

OIL POLLUTION PREVENTION EQUIPMENT

The following device has been tested in accordance IMO Resolution MEPC.107(49)

ARJAY ENGINEERING, LIMITED
2851 Brighton Road
Oakville Ontario L6H 6C9 CANADA

Model: HydroSense 2410; 15 ppm Bilge Alarm

This is to certify that the equipment listed has been examined and tested in accordance with the requirement of the specifications contained in annex 13 to the guidelines and specifications contained in IMO resolution MEPC.107(49).

Equipment is manufactured by Arjay Engineering, Limited to specification/assembly drawing no. 20020025 dated 22/5/2003, 20020021 dated 21/5/2003, and 20020019 dated 18/4/2002. The unit is manufactured to meet Zone 2 (Division 2) specification.

A copy of this Certificate should be carried aboard a vessel fitted with this equipment at all times. IMO Certificates of Type Approval do not expire and are valid for equipment manufactured at any time during the period of validity of this Certificate. Test data and results are attached in the appendix.

This certificate documents compliance with 46 CFR 162.050.

*** 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 11th DAY OF
SEPTEMBER 2023, AT WASHINGTON D.C.



R. E. THOMAS
Acting Chief, Engineering 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."