



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

Coast Guard Approval Number: 164.136/87/0

Expires: 29 October 2024

FIRE DOORS A-CLASS (IMO)

DEANSTEEL MANUFACTURING CO.
931 S. Flores St.
SAN ANTONIO TX 78204-1496

"DS H-60 5.5 Blast Door" tested to H-60 hydrocarbon time temperature curve and approved as class A-60 in accordance with IMO FTP Code Annex 1, Part 3.

Approved for use as an integrated part of fire resisting divisions of class A-60. Maximum leaf size is 1205 mm x 2123 mm (width x height). Door to have a three-point latch. Maximum clear opening of optional window of 254 mm x 254 mm. Optional gap-covering flanges may be included.

Identifying Data: Southwest Research Institute (SwRI) Project Nos. 01.15210.01.601 and Follow Up Document Project No. 01.25000.02.071, DeanSteel Drawing 95039. Part 3 testing completed in October 2009.

Door designed for blast-resistant bulkheads; special consideration must be given to the bulkhead support of, and ability to open and close, the door.

Follow-Up Program: SwRI.

Valid for doors manufactured at factory located at above address.

Supersedes certificate dated October 29, 2019, updated identifying data and MRA statement.



1408/YY

The manufacturer is allowed to affix the Marks of Conformity as allowed by the "Agreement between the United States of America and the United Kingdom of Great Britain and Northern Ireland on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 14th, 2019, by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 18th, 2019, and by the "Agreement between the European Free Trade Association countries which are part of the European Economic Area and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 22nd, 2019. Item complies with requirements of UK/3.16 and MED/3.16.

*** 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 29th DAY OF
OCTOBER 2019, AT WASHINGTON D.C.



B. A. BALDWIN
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."