



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

Coast Guard Approval Number: 162.161/2/0

Expires: 23 May 2010

ENGINEERED HALOCARBON FIRE EXT. SYSTEM

FIKE CORPORATION
704 SOUTH 10TH STREET
P. O. BOX 610

BLUE SPRING MO 64013

Fike HFC-227ea Clean Agent Engineered Total Flooding Fixed Fire Extinguishing System.

Total flooding clean agent fire extinguishing systems for the protection of machinery spaces, cargo pump rooms, and other enclosed spaces with flammable liquid hazards. Acceptable for use as an equivalent to total flooding carbon dioxide systems required by 46 CFR. Complies with IMO MSC/Circ.848. Not acceptable for cargo hold protection.

Identifying Data: Fike Marine Design Installation, Operation, and Maintenance Manual P/N 06-210 Rev. A, dated December 2001, FMRC Report J. I. 3002965, dated April 1999, FMRC letters dated 6 October 1999 and 19 August 1999 (FMCR Job I. D. 3002238). USCG letter dated 8 November 1999.

Listing and Follow up Service: Factory Mutual Research Corp.

Approval valid only for products from above factory location.

Supersedes Appr. No. 162.161/2/0 dated 23 May 2001 to reflect generic name for extinguishing agent.

*** 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 25th DAY OF
AUGUST 2005, AT WASHINGTON D.C.

J. G. LANTZ
Chief, Lifesaving and Fire Safety Standards Division
BY DIRECTION OF THE COMMANDANT