



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

Coast Guard Approval Number: 164.141/45/0

Expires: 12 September 2021

PLASTIC PIPING SYSTEMS

SPEARS MANUFACTURING CO.  
15853 OLDEN ST  
SYLMAR CA 91342

Spears Manufacturing Co. piping systems consisting of the following models:

EverTUFF® Industrial Schedule 40 and Schedule 80 CPVC Piping and Fittings of nominal diameter 1/2 inch to 12 inches; OceanTUFF (a.k.a. LabWaste®) CPVC Schedule 40 Drainage System of nominal diameter 1-1/2 inches to 12 inches; and EverTUFF® CTS CPVC Hot & Cold Water Distribution System of nominal diameter 1/2 inch to 2 inches.

All products meet the Low Flame Spread Requirements and Smoke and Toxicity Requirements of the 2010 FTP Code Annex 1, Parts 2 and 5, and may be installed in concealed spaces in accommodation, service, and control spaces without meeting the additional requirements of 46 CFR 56.60-25(a)(2).

These products have not been subject to fire endurance testing and are therefore not suitable for applications requiring fire endurance testing as specified in IMO Resolution A.753(18).

2010 FTP Code: Complies with Part 2 of Annex 1 as per paragraph 2.2 of Annex 2.

Identifying Data: SwRI Project Nos. 01.21604.16.208 dated June 10, 2016 (low flame spread) and 01.25000.02.215 Rev. 0 dated September 2016 (FUP). USCG Letter dated September 12, 2016.

Follow-up Program: SwRI

Valid only for products manufactured at: 86334 Coastline Drive, Yulee, FL 32097.

Product must be installed per manufacturer's instructions; all bonders must hold ASME B31.3 bonder qualification certificates.

The U.S. Coast Guard does not approve components such as joints, fittings, valves, and other miscellaneous components. Such components may be used provided they are installed in accordance with manufacturer's instructions cited above and all regulations applicable to the vessel such as Subchapter F of Title 46 of the Code of Federal Regulations.

\*\*\* 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 12<sup>th</sup> DAY OF  
SEPTEMBER 2016, 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."