

U.S. Department of
Homeland Security

United States
Coast Guard



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United States Coast Guard

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16703/46 CFR 56
2004-158
June 4, 2004

Mr. Gianmarco Cagnazzo
Chibro S.p.A.-Marine Division
Sede: 22100
Como Italia
Via Roscio, 19

Dear Mr. Cagnazzo:

This is in response to your letter and supporting documentation dated April 22, 2004, which provide product specifications, test data and classification society approval certificates for Cunipress and Chibro Pressfitting systems. The fittings are metallic (Copper-Nickel or stainless steel) pipe fittings containing O-ring seals.

Based on our evaluation of the test data, and in consideration of the requirements of Part 56, "Piping Systems and Appurtenances", of Title 46, Code of Federal Regulations (CFR), we consider the Cunipress fittings acceptable for use in the following shipboard applications:

- a. potable cold and hot water
- b. machinery sea water cooling inboard of the sea valve
- c. hot and chilled water for air conditioning
- d. bilge and ballast systems
- e. cargo oil systems
- f. fire main/sprinkler/foam systems outside of the engine room
- g. fuel/lube oil systems outside of machinery spaces
- h. domestic sanitary drains
- i. compressed air

Based on the product documentation submitted we consider the Pressfittings acceptable for use in the following shipboard applications:

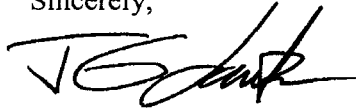
- a. potable cold and hot fresh water
- b. machinery fresh water cooling
- c. hot and chilled water for air conditioning
- d. condensate
- e. fresh water sprinkler systems outside of the engine room
- f. domestic sanitary drains
- g. compressed air and vacuum lines

In accordance with 46 CFR Sections 56.30-35 and 56.30-40, the fittings in these systems may not be used in spaces where undetected leakage may occur. The use of these fittings in systems not mentioned above will be considered on a case-by-case basis.

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This should not be construed as a general approval of the subject fittings. Each application of the fittings will be checked during plan review and installation on the vessel to ensure that pressure/temperature ratings and other service restrictions, as recommended by the manufacturer, are not exceeded. Each activity desiring to use the fittings shall demonstrate to a marine inspector that they have the proper equipment and procedures to produce an acceptable end product.

Sincerely,



J.G. LANTZ
Acting Chief, Office of Design and Engineering
Standards
By direction of the Commandant

Copy: Marine Safety Center (MSC-2)