

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

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16714 / 46 CFR 56
2017-3500
February 2, 2017

Mark Fasel
Viega LLC-Codes and Standards Division
100 N. Broadway 6th Floor
Wichita, Kansas
67202

Dear Mr. Fasel:

This is in response to your January 17, 2017 letter requesting a revision to the U.S. Coast Guard acceptance letter 2016-1384 of October 17, 2016, for Viega MegaPress compression fittings for pipe connections under Title 46 CFR 56.30-25. Your January 17, 2017 letter included additional technical documentation, test results and a revised classification society type approval certificate. While the adopted standard in this regulation is ASTM F1387, Viega has chosen to design, construct, test and mark their fittings based on other recognized domestic and international standards. The documentation and supporting materials supplied by Viega has provided this office enough detail to determine equivalent compliance to ASTM F1387 in accordance with the acceptance procedures outlined in 46 CFR 50.25-10.

Viega MegaPress compression fittings in carbon steel are considered acceptable for use in the below applications, up to a maximum two inches (2").

- a. Machinery cooling (sea or fresh water) inboard of the sea valve
- b. Hot or chilled water for air conditioning;
- c. Bilge and ballast systems;
- d. Cargo oil systems;
- e. Fire main (wet or dry)/sprinkler/foam systems;
- f. Gasoline/diesel fuel/lube oil/hydraulic systems;
- g. Compressed air and vacuum lines;
- h. Low pressure steam and condensate lines; and
- i. Domestic sanitary drains;

Application shall be in accordance with pipe specifications identified in the manufacturer's product instructions.

MegaPress fittings are offered with two sealing elements: EPDM for Compressed Air, Fire Sprinkler, Cooling Water, Low Pressure Steam and Vacuum; and HNBR for use in Fuel/Lube/Hydraulic Oil, Compressed Air, Cooling Water Systems and Vacuum.

This letter is not a general approval or endorsement of the subject fittings. Each application of any Viega fitting addressed by this letter will be checked during plan review and installation on the vessel to ensure that the material, size, pressure, temperature and vibration ratings and other service restrictions, as recommended by Viega or required by Coast Guard regulation, are not exceeded. Each person 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. Viega must inform this office of any changes to the fittings addressed in this letter which include, but are not limited to, materials, design, and size of product range offered. Final shipboard acceptance of the fittings is based on the installation, materials, and workmanship being to the satisfaction of the cognizant Officer in Charge, Marine Inspection.

Sincerely,



T. M. HOWARD
Commander, U.S. Coast Guard
Chief, Systems Engineering Division
By direction of the Commandant