

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commandant  
United States Coast Guard

2703 Martin Luther King Jr. Ave. SE  
Washington, DC 20593-7509  
Staff Symbol: CG-ENG-3  
Phone: (202) 372-1383  
Fax: (202) 372-1925  
Email: TypeApproval@uscg.mil

16714 / 46 CFR 56  
2018-3613  
October 4, 2018

Mark Fasel  
Viega LLC-Codes and Standards Division  
12303 Airport Way #395  
Broomfield, Colorado  
80021

Dear Mr. Fasel:

This is in response to your letter and enclosures received August 24, 2018, requesting a revision to U.S. Coast Guard acceptance letter 2017-3500 of February 2, 2017, for Viega MegaPress compression fittings for pipe connections under Title 46 CFR 56.30-25. Your letter included additional technical documentation, test results, and an additional 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 and MegaPress XL press connect fittings in carbon steel are considered acceptable for use in the below applications, up to a maximum four inches (4").

- 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 (HNBR and FKM sealing elements only);
- e. Fire main (wet or dry)/sprinkler/foam systems;
- f. Gasoline/diesel fuel/lube oil/hydraulic systems (HNBR and FKM sealing elements only);
- g. Compressed air (service and control air) and vacuum lines;
- h. Low pressure steam and condensate lines;
- i. Domestic sanitary drains;
- j. Scuppers;
- k. Non-essential systems for sea water, fresh water and service air.

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

MegaPress fittings are offered with three sealing elements: EPDM for Compressed Air, Fire Sprinkler, Cooling Water, Low Pressure Steam and Vacuum; and HNBR and FKM 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,

J. H. MILLER, P.E.  
Commander, U.S. Coast Guard  
Chief, Systems Engineering Division  
Office of Design and Engineering Standards  
By direction