

U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

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16714 / 46 CFR 56
2019-3650
May 7, 2019

Mark Fasel
Viega LLC-Codes and Standards Division
585 Interlocken Blvd.
Broomfield, CO
80021

Ref: (a) Your letter of February 6, 2019

Dear Mr. Fasel:

This is in response to your letter and enclosures received February 20th, 2019, requesting a revision to U.S. Coast Guard acceptance letter 2005-137 for Viega "Press Connect" 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 F 1387, Viega has chosen to design, construct, test and mark their fittings based on other domestic and international standards. The documentation and supporting materials supplied by Viega have 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 Press Connect fittings in copper-nickel, "Seapress" (metric) 15mm through 108mm in copper, "ProPress" (U.S. dimensions) ½" through 4" and "Profipress" (metric) 15mm through 108mm are considered acceptable for use in following applications:

- a. Potable cold and hot water;
- b. Machinery cooling (sea or fresh water) inboard of the sea valve;
- c. Hot or chilled water for air conditioning;
- d. Bilge and ballast systems;
- e. Cargo oil systems;
- f. Fire main (wet or dry)/sprinkler/foam systems;
- g. Gasoline/diesel fuel/lube oil/hydraulic systems (HNBR and FKM sealing elements only);
- h. Compressed air (service and control air) and vacuum lines;
- i. Domestic sanitary drains;
- j. Low pressure steam and condensate lines; and
- k. Non-essential systems for sea water, fresh water and service air.

Viega Press Connect “Sanpress” (metric), 15mm through 108mm, and ProPress Stainless (U.S. dimensions), ½” through 4” fittings in stainless steel are considered acceptable for use in the following applications:

- a. Potable cold and hot fresh water;
- b. Machinery fresh water cooling;
- c. Hot or chilled water for air conditioning;
- d. Condensate;
- e. Fire main (wet or dry) sprinkler systems and water spray;
- f. Gasoline/diesel fuel/lube oil/hydraulic systems (HNBR and FKM sealing elements only);
- g. Domestic heating;
- h. Domestic sanitary drains;
- i. Low pressure steam;
- j. Compressed air (service and control air) and vacuum lines; and
- k. Non-essential systems for fresh water and service air.

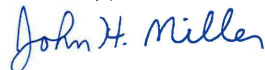
Application of the fittings shall be in accordance with the pipe specifications identified in the manufacturer’s product instructions.

Viega Press Connect 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