Company Name Details

Company Information	Additional Company / Plant Detail	Confirmation of Type Approval
VIEGA GMBH & CO. KG VIEGA STRASEE 1 D-99518 GROSSHERINGEN Germany Tel +49 2722 61 0 Fax +49 2722 61 1206 Email: info@viega.de Website: www.viega.de		21-2079215-PDA-DUP

Certificate Number	Category	Expiry Date
16-AG3180761	RQS	03-AUG-2021

Product	Piping System and Couplings
Model	Viega Imperial CTS system ProPress 316 (formerly known as ProPress Stainless, ProPress Stainless XL), ProPress 304 FKM Viega Metric CTS system Sanpress Inox and Sanpress Inox XL
Endorsements	
Tier	3 - Type Approved, unit certification not required

Intended Service	For use in Class III piping. -Flammable Fluids (flashpoint < 60° C)* : cargo oil lines (1), crude oil washing lines (2), vent lines (3), Inert Gas: water seal effluent lines (4), scrubber effluent lines (5), main lines (6), distribution lines (7), Flammable Fluids (flashpoint > 60° C)*: cargo oil lines (8), fuel oil lines (9), lubricating oil lines (10), hydraulic oil (11), thermal oil (12), Sea Water: bilge lines (13), water filled fire extinguishing systems (14), non-water filled extinguishing systems (15), fire main (not permanently filled)(16), ballast system (17), cooling water system (18), tank cleaning services (19), non-essential systems (20), Fresh Water: cooling water systems (21), condensate return (22), non-essential system (23), Sanitary/Drains/Scuppers: deck drains (internal)(24), sanitary drains (25), scuppers and discharge (overboard)(26), Sounding/Vent: water tanks/dry spaces (27), oil tanks (f.p.>60°C)(28), Miscellaneous: starting/control air (29), service air (non-essential)(30), brine (31), CO^2 system (32), steam (33) *Flammable fluid applications require a HNBR or FKM sealing element. Sealing elements are interchangeable.
Description	Viega Metric CTS system fittings: Sanpress Inox, Sanpress Inox XL; Viega Imperial CTS system: ProPress 304 FKM, ProPress 316 ½” - 4”. (Formerly known as ProPress Stainless and ProPress Stainless XL) See attached "pdf" for models. Stainless steel press system with stainless steel fittings and pipe tubing. Integral with EPDM ProPress 316, Sanpress Inox, Sanpress Inox XL), Integral with FKM (ProPress 304 FKM), sealing elements and SC-feature. (*Flammable fluid applications require a HNBR or FKM sealing element. Sealing elements are interchangeable). Pressing is achieved by a press tool per the fitting manufacturer' s installation instructions. Product range in nominal tube/pipe size. ProPress 316 ½” - 4”. (Formerly known as ProPress Stainless and ProPress Stainless XL), ProPress 304 FKM, Sanpress Inox 15mm - 54mm, Sanpress Inox XL 64mm - 108mm
Ratings	M.A.W.P. 16 bar (232 psi), 1.6 MPa Vacuum lines 170 mbar absolute (-12.04 psi/-24.5 in Hg, -0.083 MPa) acc. to the IACS test methods P2.11.5.5.7. Maximum Operating Temperature FKM: 23°F - 284°F (-5°C - 140°C) EPDM: 14°F - 230°F (-10°C - 110°C) HNBR: -40°F - 180°F (-40°C - 82°C)
Service Restrictions	-The fittings are an approved fire resistant type. - Slip on joint requirements shall not apply to Sanpress Inox and Inox XL; ProPress 304 FKM and ProPress 316 fittings. - Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. - The fittings are to be installed in accordance with the manufacturer' s recommendation / limitations / requirements. - EPDM should not be used in flammable fluid applications. - *Flammable fluid applications require a HNBR or FKM sealing element.
Comments	The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes, Drawing and Documentation	Drawing No. G1_US_ABS_2016-09-05_Product_Design_Assessment_Sanpress_INOX_EPDM-HNBR-FKM_sealing_element_neu,: -, Pages: - Drawing No. Phoenix Fire Resistance Test Certificates: 805308, 805309, 805310, 805311 dated 29 Oct. 2008;
Term of Validity	
ABS Rules	Rules for Conditions of Classification, Part 1 - 2021 Rules for Building and Classing Marine Vessels 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following: 2021 Marine Vessel Rules: 4-6-1/Table 1, 4-6-1/Table 2, 4-6-2/5.9 and 4-6-2/Table 4/Table 10/Table 11/Table 12 Rules for Conditions of Classification, Part 1 - 2021 Rules for Building and Classing Mobile Offshore Units 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following: 2021 Mobile Offshore Units Rules: 4-2-1/5, 4-2-1/11.13 Rules for Conditions of Classification, Part 1 - 2021 High Speed Craft 1-1-4/11.9, 1-1-A2, 1-1-A3, which covers the following: 2021 High Speed Naval Craft Rules: 4-6-2/5.9;
National Standard	UL 213- 2019; NSF 61- 2019; NSF 372- 2016; FM Class 1920- 2007; ICC-ES IC 1002-2013 IAPMO PS 117- 2019; ASME B16.51- 2013; ASME B31.1- 2018; ASME B31.3-2018; ASME B31.9- 2017
International Standard	ISO 19921:2005 ISO 19922: 2005
Government Standard	USCG LTR 16714 (2019-3650) Dated 07May 19
EUMED Standard	NA
Others Standard	IACS Standard P2 Requirements; 2016 Manufacturer' s Technical Regulation Spec. W534; WNo 1.4401 (DIN 17455).

Model Certificate	Model Certificate #	Issue Date	Expiry Date
PDA-DUP	21-2079215-PDA-DUP	08-FEB-2021	07-FEB-2026