



Indian Register of Shipping

CERTIFICATE NO: 2018TAC040

TYPE APPROVAL CERTIFICATE

*This is to certify that the product is in accordance with the applicable rules/standards/codes as described below.
The product is considered to be suitable for use in marine applications and is **retained** in the list of approved products.*

MANUFACTURER	Viega Technology GmbH & Co. KG
MANUFACTURING WORKS	1) Viegastrasse 1, 99518 Grossheringen, Germany 2) Zur Langen Acker 7, 57439 Attendorn, Germany
REGISTERED OFFICE	Viega Platz 1, 57439 Attendorn, Germany
PRODUCT NAME	MECHANICAL JOINTS
MODEL NO. / TRADE NAME	SEAPRESS SANPRESS SANPRESS INOX PROFIPRESS
PRODUCT DESCRIPTION	Press type Compression Couplings (as detailed in Annexure - I) For use in Class III piping systems (as detailed in Annexure-II)
APPLICABLE RULES/STANDARDS/CODES	-IRS Rules and Regulations for the Construction and Classification of Steel Ships -IACS UR P2.11 (Rev.4-March 2016)
CONDITIONS OF APPROVAL	See Annexure - II
VALIDITY	The Certificate is valid until 30/05/2023

ISSUE DATE: 19/06/2018

PLACE: MUMBAI

Vitthal S Shetake

Senior Surveyor

Previous Certificate No : 2013TAC028 dated : 17/06/2013

This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-

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Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.

ANNEXURE- I
TO CERTIFICATE NO. 2018TAC040 DATED 19TH JUNE 2018

Product Description and Model

Model / Material Description	Pipes	Pipe Dimensions (OD and wall thickness (mm))	Max. Allowable working pressure	Temp range	Types of fittings	Sealing
Seapress(*) / CuNiFe	CuNiFe	15x1, 22x1.0, 28x1.5, 35x1.5, 42x1.5, 54x1.5, 76.1x2, 88.9x2, 108x2.5	1.3 MPa for 54mm; 1.6 MPa for all other sizes	-20 to 120° C	Elbow 45° and 90°, tee, adapter (male and female), coupling, reducer and flange adapter	EPDM O-ring
Sanpress(*) / Bronze (CC499K), Silicon Bronze (CC245E, CC246E)	Stainless steel 1.4401(DIN 17455) or 1.4521 (DIN EN 10088-1)	15x1, 18x1, 22x1.2, 28x1.2, 35x1.5, 42x1.5, 54x1.5, 64x2, 76.1x2, 88.9x2, 108x2	1.6 MPa for all sizes	-20 to 120° C	Elbow 45° and 90°, tee, adapter (male and female), coupling, reducer and flange adapter	EPDM O-ring
Sanpress Inox(*) / Stainless steel 1.4401 (DIN EN 10217-7)	Stainless steel 1.4401, 1.4521 (DIN EN 10312)	15x1, 18x1, 22x1.2, 28x1.2, 35x1.5, 42x1.5, 54x1.5, 64x2, 76.1x2, 88.9x2, 108x2	1.6 MPa for all sizes	-20 to 120° C	Elbow 45° and 90°, tee, adapter (male and female), coupling, reducer and flange adapter	EPDM O-ring
Profipress(*) / Copper and Bronze (CC 499K) Silicon Bronze (CC245E, CC246E)	Copper	15x1, 18x1, 22x1.0, 28x1.5, 35x1.5, 42x1.5, 54x1.5, 64x2, 76.1x2, 88.9x2, 108x2.5	1.6 MPa for all sizes	-20 to 120° C	Elbow 45° and 90°, tee, adapter (male and female), coupling, reducer and flange adapter	EPDM O-ring

(*) – Double press (front & back) – Crimping couplings. Marked with green mark for “Safety Contour” for leak-free joint.

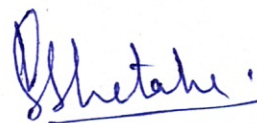
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ANNEXURE- II
TO CERTIFICATE NO. 2018TAC040 DATED 19TH JUNE 2018
TERMS AND CONDITIONS

The approval is subject to the following:

- 1) The couplings are to be used only in Class III piping system.
- 2) Seapress type of couplings may be used in the following systems: domestic heating, tank cleaning service, wet sprinkler, fire main and water spray, foam and sprinkler systems, fresh water and sea water cooling systems not related to propulsion or power generation and compressed air (not starting air or control air to essential systems).
- 3) Sanpress, Sanpress Inox and Profipress type of couplings may be used in the following systems: Potable water, domestic heating, tank cleaning service, wet sprinkler, fire main and water spray, foam and sprinkler systems and fresh water systems not related to propulsion or power generation and compressed air (not starting air or control air to essential systems).
- 4) The approval is only valid when the couplings are assembled with piping as recommended by the manufacturer. The sealing material is to be suitable for the intended services.
- 5) The installation of mechanical joints is to be in accordance with the manufacturer's assembly instructions. Where special tools and gauges are required for installation of the joints, these are to be supplied by the manufacturer.
- 6) Any change in the manufacturing process affecting the approval would require reassessment of the works for continued approval.
- 7) Any revision to the applicable reference documents mentioned in this certificate would necessitate testing and re-approval of the couplings.
- 8) The manufacturer shall maintain a valid ISO 9001 certificate at all times.



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