



# Indian Register of Shipping

CERTIFICATE NO: 2023TAC044

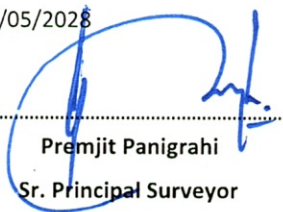
## TYPE APPROVAL CERTIFICATE

*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	<b>Viega GmbH &amp; Co. KG</b>
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	<b>MECHANICAL JOINTS</b>
MODEL NO. / TRADE NAME	SANPRESS PROFIPRESS SANPRESS INOX SEAPRESS
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.5-Jan 2021)
CONDITIONS OF APPROVAL	See Annexure - II
VALIDITY	The Certificate is valid until 30/05/2028

ISSUE DATE: 27/06/2023

PLACE: MUMBAI

  
Premjit Panigrahi  
Sr. Principal Surveyor

Previous Certificate No : 2018TAC040 dated : 19/06/2018

This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-  
Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committees use their best endeavors to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.  
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.

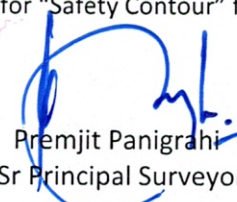


**ANNEXURE- I**  
**TO CERTIFICATE NO. 2023TAC043 DATED 27<sup>TH</sup> JUNE 2023**

**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.

  
 Premjit Panigrahi  
 Sr Principal Surveyor

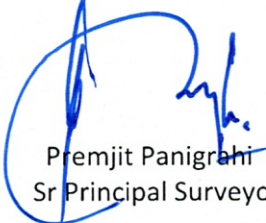




**ANNEXURE- II**  
**TO CERTIFICATE NO. 2023TAC043 DATED 27<sup>TH</sup> JUNE 2023**  
**TERMS AND CONDITIONS**

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 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 systems and fresh water-cooling 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.

  
Premjit Panigrahi  
Sr Principal Surveyor