

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Viega Technology GmbH &amp; Co. KG</b>
<b>Address</b>	Viega Platz 1, Attendorn, 57439, Germany
<b>Type</b>	Compression Fittings
<b>Description</b>	Carbon Steel Cold Press fittings and piping systems with SC-Contur for the US sizes 3/8" to 4" and also sizes as per DIN EN 10255:2007 / DIN EN 10216-1:2013 / DIN EN 10217-1:2005. The SC feature enables quick identification of unpressed fittings. The fittings are offered with sealing elements EPDM, FKM and HNBR. The press connection is performed by a special press tool. Flammable fluid applications require a HNBR or FKM sealing element.
<b>Trade Name</b>	MEGAPRESS, MEGAPRESS FKM, MEGAPRESSG
<b>Application</b>	As piping components in Class III - piping systems on ships classed or intended for Classification with Lloyd's Register. <u>Restrictions:</u> <ol style="list-style-type: none"><li>1. Starting/control air and CO2 systems.</li><li>2. Inert gas piping systems inside machinery spaces of category A, pump rooms and open decks.</li><li>3. Fire main, water spray or sprinkler systems if not always filled with water.</li><li>4. Bilge lines in high fire risk compartments</li><li>5. Scupper pipes below freeboard deck over board</li><li>6. EPDM sealing is not suitable for most of oily fluids</li></ol>

71 Fenchurch Street, London, EC3M 4BS, UK

---

**Torsten Schroeder**

Senior Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

---

# Type Approval Certificate

<b>Specified Standard</b>	IACS P 2.11 including wet fire endurance test, Lloyd's Register Rules and Regulations for the Classification of Ships, 2019.
<b>Ratings</b>	see Appendix
<b>Other Conditions</b>	see Appendix for Places of Production

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. HTS /ENS 31099-14, Issue No. 2 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

71 Fenchurch Street, London, EC3M 4BS, UK

---

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

## Appendix

### RATINGS

Dimensions: 3/8" up to 4"

MAWP: 1,6 MPa (232 psi)

Sealing materials	EPDM	HNBR	FKM
Size range	3/8" up to 2" (incl. 38,0; 44,5 and 57,0 mm)	1/2" up to 2"	3/8" up to 4"
Temperature range	DN10 to DN50 -10 to +110°C 14 to 230°F	DN15 to DN50 -40 to +82°C -40 to 180°F	DN10 to DN100 -5 to +140°C 23 to 284°F

For deck and bulkhead penetrations see also the requirements of the National Authorities.

Selection and installation to be in accordance with the producer's instructions and recommendations.

### PLACES OF PRODUCTION

Viega Supply Chain GmbH & Co. KG  
 Viegastrasse 1  
 99851 Großheringen  
 Germany

Viega LLC  
 2211 Viega Avenue  
 MacPherson, 67460 Kansas  
 U.S.A.