

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.

Manufacturer	Viega GmbH & Co. KG
Address	Viega Platz 1, Attendorn, 57439, Germany
Type	Compression Fittings
Description	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 10216-1:2014 / DIN EN 10217-1:2019. 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.
Trade Name	MEGAPRESS, MEGAPRESS FKM, MEGAPRESS G
Application	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">1. Starting/control air and CO2 systems.2. Inert gas piping systems inside machinery spaces of category A, pump rooms and open decks.3. Fire main, water spray or sprinkler systems if not always filled with water.4. Bilge lines in high fire risk compartments.5. Scupper pipes below freeboard deck over board.6. EPDM sealing is not suitable for most of oily fluids.

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Specified Standard IACS P 2.11 including wet fire endurance test,
Lloyd's Register Rules and Regulations for the Classification of Ships, 2021.

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.

Previous Version: LR2001940TA, prev 14/20042(E1)

The Design Appraisal Document HTS /ENS 31099-14, Issue No. 3 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Appendix

RATINGS

Dimensions: 3/8" up to 4"
 MAWP: 1,6 MPa (232 psi)
 Vacuum line 170 mbar absolute

Sealing materials	EPDM	HNBR	FKM
Size range	3/8" up to 2" (incl. 38,0; 44,5 and 57,0 mm) DN10 to DN50	1/2" up to 4"	3/8" up to 4"
Temperature range	-10 to +110°C 14 to 230°F	DN15 to DN100 -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 GmbH & Co. KG
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 99851 Großheringen
 Germany

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