

## 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 GmbH &amp; Co KG</b>
<b>Address</b>	Viega Platz 1, 57439 Attendorn, Germany
<b>Type</b>	Compression Fittings
<b>Description</b>	Megapress is a black steel piping system with SC-feature. The SC feature enables to quickly identify unpressed fittings. The press connection is performed by a special press tool. The fittings are offered with EPDM, HNBR and FKM sealing element.
<b>Trade Name</b>	Viega Megapress, Viega Megapress G, Viega Megapress S, Viega Megapress S XL
<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. Inside machinery spaces of category A, accommodation spaces or cargo pump rooms for main or distribution lines of inert gas systems.</li><li>3. Fire main, water spray or sprinkler systems which are not always filled with water.</li><li>4. Bilge lines in high fire risk compartments</li><li>5. Scupper pipes below freeboard deck overboard</li><li>6. EPDM sealing is not suitable for most of oily fluids</li></ol>

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**Specified Standard** IACS P 2.11 including wet fire endurance test,  
LR Rules and Regulations for the Classification of Ships, 2021.

**Other Conditions** 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.

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:** 14/20020(E4)

The Design Appraisal Document HTS/ENS 30687-14, Issue No. 5 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

## Appendix

### RATINGS

Dimensions: DN 10 to DN 100 (incl. 38, 44.5 and 57 mm)  
 MAWP: 1,6 MPa, (232 psi)  
 Vacuum lines 170 mbar absolute

Sealing materials	EPDM	HNBR	FKM
Size range	3/8" up to 2" (incl. 38, 44.5 and 57 mm)	1/2" up to 2"	3/8" up to 4"
	DN10 to DN50	DN15 to DN50	DN10 to DN100
Temperature range	-10 to +110°C 14 to 230°F	-40 to +82°C -40 to 180°F	-5 to +140°C 23 to 284°F

### PLACE OF PRODUCTION

Viega GmbH & Co. KG  
 Viega Strasse 1  
 99851 Großheringen  
 Germany