



Lloyd's
Register

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.

This certificate supersedes certificate number 14/20020 (E3) issued on 23.11.2018 which is hereby cancelled.

This certificate is issued to:

PRODUCER

Viega Technology GmbH & Co. KG
Viega Platz 1
57439 Attendorn
Germany

DESCRIPTION

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.

TYPES

Viega Megapress,
Viega Megapress S XL

APPLICATION

As piping components in Class III - piping systems on ships classed or intended for Classification with Lloyd's Register.

Restrictions:

1. Starting/control air and CO2 systems.
2. Inside machinery spaces of category A or accommodation spaces for main lines of inert gas systems.
3. Fire main, water spray or sprinkler systems which are 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

Certificate No.

14/20020 (E4)

Issue Date

08 May 2019

Expiry Date

22 April 2024

Sheet

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Torsten Schröder
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STANDARDS

IACS P 2.11 including wet fire endurance test,
LR Rules and Regulations for the Classification of Ships, 2018.

RATINGS

Dimensions: DN 10 to DN 100 (incl. 44,5 and 57 mm)
MAWP: 1,6 MPa, (232 psi)

Sealing materials	EPDM	HNBR	FKM
Size range	3/8" up to 2" (incl. 44,5 and 57,0 mm) DN10 to DN50	1/2" up to 2" DN15 to DN50	2 1/2" up to 4" DN65 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

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.

PLACE OF PRODUCTION

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

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ENS 30687-14, Issue No. 4, dated 08 May 2019 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	14/20020 (E4)
Issue Date	08 May 2019
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