



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 is issued to:

PRODUCER	Viega Technology GmbH & Co. KG Viega Platz 1 57439 Attendorn Germany
DESCRIPTION	CuNiFe fittings and pipe system. The fittings are offered with different sealing elements - EPDM, HNBR and FKM. The press connection is performed by a special press tool.
TYPE	Viega-Seapress System
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. 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 compartments5. Scupper pipes below freeboard deck over board For deck and bulkhead penetrations see also the requirements of the National Authorities.

Certificate No.	03/20045 (E4)
Issue Date	30 August 2017
Expiry Date	24 September 2021
Sheet	1 of 2

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



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RATINGS

MAWP 1,5 MPa : size 54 mm;
MAWP 1,6 MPa : size 15 to 42 mm and 76,1 mm to 108 mm;
Temp. Range: - 20°C to 120°C
Pipe sizes (mm): 15x1.0; 22x1.0; 28x1.5; 35x1.5; 42x1.5; 54x1.5; 76.1x2;
88.9x2; 108x2.5

STANDARDS

DVGW, IACS P 2.11 including wet fire endurance test,
LR Rules and Regulations for the Classification of Ships, July 2017.

**PLACE OF
PRODUCER**

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. HMD 13413-04; Issue No.3, dated 30.08.2017 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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