



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 91/20211 (E5) issued on 13.07.2011 which is hereby cancelled.)

This certificate is issued to:

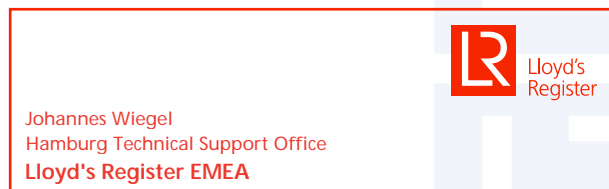
PRODUCER	Eifeler Maschinenbau GmbH Kolumbusstraße 54 53881 Euskirchen Germany
DESCRIPTION	General purpose stainless steel pipe compression fittings with EMB cutting ring without elastomer-type seal
TYPE	EMB DS-Ring, Series L and S
APPLICATION	General use in marine, offshore and industrial piping systems classed or intended for Classification with Lloyd's Register
STANDARD	Lloyd's Register Rules and Regulations for the Classification of Ships, July 2016 and Works Standard

Certificate No. 91/20211 (E6)

Issue Date 17 August 2016

Expiry Date 31 May 2021

Sheet 1 of 2



Johannes Wiegel
Hamburg Technical Support Office
Lloyd's Register EMEA

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

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RATINGS

	Pipe O.D. (mm)	Nom. Pressure (bar)
L (light)	6 to 18	315
	22 to 42	160
S (heavy)	6 to 14	630
	16 to 30	400
	38	315

Temp. Range :
 -60°C to +20°C*
 *for temperatures up to 400°C pressure deductions apply as per
 producer's instructions and recommendations

PLACE OF PRODUCTION

Eifeler Maschinenbau GmbH
 Escher Heide 4
 53902 Bad Münstereifel
 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 6656-01 issue no. 4, dated 17.08.2016. and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Johannes Wiegel
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Johannes Wiegel
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