

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 13/20054 issued on 31.10.2013 which is hereby cancelled.

This certificate is issued to:

PRODUCER	EagleBurgmann Espey GmbH Thomas-Edison-Str. 19 47445 Moers Germany		
DESCRIPTION	Bulkhead shaft seal, consisting of a radially split housing made of stainless		
	steel with segmented sealing elements of carbon-PTFE with circumferential		
	spring. The gastight version is arranged with barrier air supply between the sealing elements. Gland temperature sensor is available for low flashpoint gases.		
ТҮРЕ	ESPEY WDK-BHS (watertight) WDKS-BHS (gastight)		
APPLICATION	Shaft seal for rotating shafts penetrating bulkheads in watertight or gastight versions on board of ships classed or intended for classification		
	with Lloyd's Register.		
STANDARDS	Lloyd's Register Rules and Regulations for the Classification of Ships, 2017		

Certificate No.	13/20054 (E1)	Register
Issue Date	18 October 2017	Johannes Wiegel Hamburg Technical Support Office
Expiry Date	27 September 2022	Lloyd's Register EMEA
Sheet	1 of 2	for Torsten Schröder Hamburg Technical Support Office Lloyd's Register EMEA

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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. HDS/ENS29972-13, Issue No. 1 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.

Issue Date

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13/20054 (E1)

18 October 2017

27 September 2022

Sheet

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211	/	R	Lloyd's Register
Johannes Wiegel			<u> </u>
Hamburg Technical Support Office			
Lloyd's Register EMEA			
LR031.1.2016.06			

for Torsten Schröder Hamburg Technical Support Office Lloyd's Register EMEA

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