



Lloyd's
Register

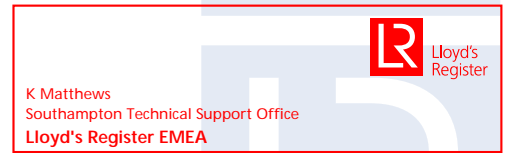
Type Approval Certificate Extension

This is to certify that Certificate No. 97/ 00047(E3) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Crane Process Flow Technologies Ltd
PLACE OF PRODUCTION	Grange Road Cwmbran Gwent, NP44 3XX United Kingdom (UK)
DESCRIPTION	Diaphragm type fire mains hydrant valves with flanged or screwed connections and with heat resistant diaphragm marked "fire".
TYPE	WFB
STANDARD	Lloyd's Register's Rules and Regulations for the Classification of Ships; BS EN 13397:2002, Industrial valves – diaphragm valves made of metallic material.; BS5041: Part 1: 1987, Appendix A5, Fire hydrant system equipment
APPLICATION	As fire hydrant valves complying with Lloyd's Register and SOLAS requirements.
RATINGS	Sizes (mm): DN40 and DN65 Maximum allowable working pressure (barg): 15
OPERATIONAL LIMITATIONS	1. The valves are not to be used as ship side valves. 2. The valve housing shall be subject to a hydrostatic pressure test of 1.5 times the design pressure prior to installation as a hydrant valve.
Certificate No.	97/ 00047(E4)
Issue Date	11 July 2017
Expiry Date	22 April 2022
Sheet	1 of 2

Lloyd's Register EMEA
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"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."

The attached Design Appraisal Document No.97/00047(E4) and its supplementary Type Approval Terms and Conditions form part of this Certificate

All other details remain as the previous Certificate No. 97/ 00047(E3) to which this extension should be attached.

Certificate No.	97/ 00047(E4)
Issue Date	11 July 2017
Expiry Date	22 April 2022
Sheet	2 of 2

*Lloyd's Register EMEA
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LR031.1.2016.06

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