


Type Approval Certificate Extension

This is to certify that Certificate No. 05/00068 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Kittiwake Developments Ltd	
PLACE OF PRODUCTION	3-6 Thorgate Road Littlehampton West Sussex, BN17 7LU United Kingdom (UK)	
DESCRIPTION	Portable bunker fuel sampling flange and assembly	
TYPE	FG-K1-122-KW FG-K1-124-KW FG-K1-126-KW FG K1 128 KW FG-K1-130-KW FG-K1-132-KW	FG-K1-123-KW FG-K1-125-KW FG-K1-127-KW FG-K1-129-KW FG-K1-131-KW FG-K1-133-KW
APPLICATION	Marine, offshore and industrial applications, to provide samples of fuel oil during bunkering operations	
SPECIFIED STANDARDS	Port of Singapore Specification CP 60-2004, Bunkering by bunker barges/tankers; ISO 3170:2004, Petroleum liquids, manual sampling; ASTM D 4057:2000, Standard practice for manual sampling of petroleum and petroleum products.	
RATINGS	Line diameter (inch):	2 to 14
Certificate No.	05/00068(E1)	
Issue Date	12 August 2010	
Expiry Date	24 July 2015	
Sheet	1 of 2	


P. F. Moysey
London Design Support Office
Lloyd's Register EMEA

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71 Fenchurch Street, London EC3M 4BS

OTHER CONDITIONS

Operation of the sampler is to be in accordance with the manufacturer's operating instructions, and monitored at all times to ensure the sample bottle is not over filled, or over pressurised.

"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. 05/00068(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 05/00068 to which this extension should be attached.

Certificate No.	05/00068(E1)
Issue Date	12 August 2010
Expiry Date	24 July 2015
Sheet	2 of 2



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Part 1A
 Subject: Flow Metering Equipment
 Product: Flow Sensors (Part 1A)

Producer/Licence No.		Description of Product			Cert. No.
Type	Details of Approval	Application	Remarks		
FG-K1-122-KW FG-K1-123-KW FG-K1-124-KW FG-K1-125-KW FG-K1-126-KW FG-K1-127-KW FG-K1-128-KW FG-K1-129-KW FG-K1-130-KW FG-K1-131-KW FG-K1-132-KW FG-K1-133-KW	Portable bunker fuel sampling flange and assembly: Line size (inch): 2 to 14	Marine offshore and industrial applications to provide samples of fuel oil during bunkering	Expires: 24 July 2015	05/00068(EI)	

