



Type Approval Certificate Extension

This is to certify that Certificate No. 03/30025(E1) for the under noted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Hadro Techniek Westbaan 270 2841 MC MOORDRECHT The Netherlands
DESCRIPTION	Magnetic level alarm and indicating system
TYPE	D-series, J-series, L-series, R-series
APPLICATION	Environmental category ENV 1 according LR test specification 2013, for use in marine and inland waterway ships
SPECIFICATION	max pressure 10 bar – 100 bar depending on Type
STANDARDS	- PED - LR test specification 2002 - manufacturer specification
LIMITATION	Sensor is not to be used on passenger ships
OPTIONAL	Approved switches outside fluid column

"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."

Certificate No.	03/30025(E2)
Issue Date	19 December 2013
Expiry Date	14 September 2018
Sheet	1 of 2

A.W. van der Velden
Type Approval Department

Lloyd's Register EMEA
P.O. Box 701, 3000 AS Rotterdam

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*"All other details remain as the previous Certificate No. 03/30025(E1) to which this extension should be attached."
The Design Appraisal Document No. ROT.TA.1390322 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

"When Rules and Standards mentioned in this certificate are changed within the validity of this certificate, than this certificate becomes no longer valid."

Certificate No.	03/30025(E2)
Issue Date	19 December 2013
Expiry Date	14 September 2018
Sheet	2 of 2

A.W. van der Velden
Type Approval Department

*Lloyd's Register EMEA
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Lloyd's Register

TYPE APPROVAL DEPARTMENT

K.P. van der Mandelelaan 41a 3062 MB Rotterdam

Telephone 0031104145088

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Document number

ROT.TA.1390322

Issue number

1

DESIGN APPRAISAL DOCUMENT

Date

19 December 2013

Quote this reference on all future communications

ROT.TA.1390322/AWV

LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002.

Issued to: Hadro Techniek

for: D-, L-, R-, J-Series

TYPE APPROVAL CERTIFICATE No. 03/30025(E2)

The undernoted documents have been reviewed for compliance with the requirements of Lloyd's Register's Type Approval System, 2002 and this Design Appraisal Document is a supplement to the Certificate.

APPROVAL DOCUMENTATION

See previous certificate

TEST REPORTS

See previous certificate

Supplementary Type Approval Terms and Conditions

LR Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

LR Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules of Lloyd's Register of Shipping are complied with.

This LR Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations of Lloyd's Register.

Lloyd's Register reserves the right to cancel or withdraw this LR Type Approval Certificate in accordance with the LR Type Approval System Procedure.

A.W. van der Velden

Senior Surveyor

Type Approval Department