

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 LR Type Approval System.

This certificate is issued to:

PRODUCER	Böning Automationstechnologie GmbH & Co. KG
PLACE OF PRODUCTION	Am Steenöver 4 27777 Ganderkesee Germany
DESCRIPTION	19" displays
TYPES	AHD 919 and AHD 1019 (with integrated PC)
APPLICATION	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2002.
ADDITIONAL TEST	Enclosure test IP44 (front) Salt mist test (front)
DESIGN CODE	Manufacturer's specification.
OTHER CONDITIONS	The complete installation is subject to a separate plan appraisal according to applicable Rules and Regulations when installed on LR classed vessels.

Certificate No.	10/20023
Issue Date	16 June 2010
Expiry Date	15 June 2015
Sheet	1 of 2



Thorsten Wolff
Hamburg Design Support Centre
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 Design Appraisal Document No. ETS 23262-10 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	10/20023
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