



Lloyd's
Register

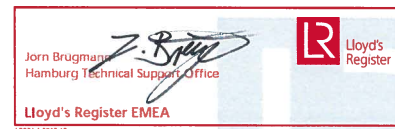
Type Approval Certificate

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 13/20002 (E2) issued on 20.04.2015 which is hereby cancelled.

This certificate is issued to:

PRODUCER	Autronica Fire and Security AS Bromstadtveien 59 7047 Trondheim Norway
DESCRIPTION	Fire Detection and alarm system, interactive analogue addressable
TYPE	AutoPrime Release 2 Comprising: BS-200M Fire alarm control panel BS-210 Operator panel BS-211 Repeater panel BU-210 Fire brigade panel BV-210 Information panel BUR-200 Programmable input/output module BC-250 Controller unit
APPLICATION	Marine, offshore and industrial applications suitable for use in environmental categories ENV1, ENV2 and ENV 3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2002
STANDARD	EN 54-2:1997+A1:2006 EN 54-4:1998+A1:2002+A2:2006
Certificate No.	13/20002(E3)
Issue Date	23 May 2017
Expiry Date	7 February 2020
Sheet	1 of 2



for Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

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This is a copy of an electronic document. In the event of any conflict or ambiguity between the copy and the electronic document, which is retained and published by Lloyd's Register, the original electronic and certified version shall always prevail.

OTHER CONDITIONS

Systems comprising the components described above are subject to a separate plan appraisal according to applicable Rules and Regulations when installed on LR classed vessels.

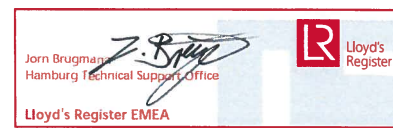
The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

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. HTS/ETS 35300-17 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 13/20002(E3)
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Sheet 2 of 2

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Design Appraisal Document

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Date
23 May 2017

Please quote this reference number on all future communications
HPC1462194/35300-17/AHB/TW/KW

THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2015
ISSUED TO: AUTRONICA FIRE AND SECURITY AS
FOR: FIRE DETECTION AND ALARM SYSTEM AUTOPRIME 2
TYPE APPROVAL CERTIFICATE NO. 13/20002 (E3)

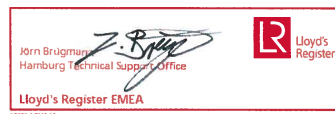
The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System Procedure TA14 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Unnumbered	Application Checklist-Appendix to Form 2502TA/2502TA MR	06.12.2016
Form 2502 (2016.05)	Request for Marine Services	29.03.2017
900776	ISO 9001:2008 Certificate, Autronica Fire and Security AS	27.05.2014
OSLI1700003	Production Quality Assessment, Autronica	06.01.2017
HTS/ETS 31138-15	LR Marine Design Appraisal Document, 2 pages	20.04.2015



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FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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Date
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HPC1462194/35300-17/AHB/TW/KW

Supplementary Type Approval Terms and Conditions

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.

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

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

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

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