



Lloyd's
Register

Autronica Fire and Security AS
Bromstadtveien 59
7047 Trondheim
Norway

Lloyd's Register EMEA

Hamburg Technical Support Office
Überseeallee 10
20457 Hamburg
T +49 (0)40 34 97 00 10-100

E hamburg-technical-support@lr.org
http://www.lr.org

Your ref
Our ref HPC1562133/39079-19/AHB/TW/AC

25 November 2019

Attention: Interim LR Type Approval letter

Dear Sirs,

Please kindly note this letter confirms that the below subject product, manufactured by Autronica Fire and Security AS has met satisfactorily relevant requirements of Lloyd's Register LR Type Approval Procedure, TA 14 and relevant Classification Rules as found applicable.

Producer: Autronica Fire and Security AS
Bromstadtveien 59
7047 Trondheim
Norway

Description: Manual call points with SelfVerify for fire detection systems

Types: BF-300V2
BF-500V2/EX
BF-501
BF-501/Ex
BF-502
BF-502/N
BF-502/Ex
BF-510WP-H

Application: Marine, offshore and industrial applications suitable for use in environmental categories ENV1, ENV2, ENV3 and ENV 5 (ENV 5 only BF-501, BF-501/Ex, BF-502, BF-502/N and BF-502/Ex) as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – July 2015

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Additional Tests: Type BF-300V2, BF-502/Ex and BF-510WP-H:
Salt mist test
Compass safe distance
Low temperature test -40°C

Degree of protection:
IP44: BF-300V2 & BF500V2/EX
IP55: BF-510WP-H
IP66: BF-501, BF-501/Ex, BF-502, BF502/N and BF-502/Ex

Standard: IEC 60092-504: 2016
EN 54-11: 2001 / A1: 2005

Other conditions: Rating for application in hazardous areas are to be obtained from applicable Ex Certificates. 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 Design Appraisal Document No. HTS/ETS 39078-19 and its supplementary Type Approval Terms and Conditions form part of this interim LR Type Approval letter.

This approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations and any project related plan approval process as found necessary.

This approval letter is valid until the final certificate will be issued when Lloyd's Register New global Database is successfully implemented.

Lloyd's Register is to be notified of any change that may affect the validity of this approval.

We regret any inconvenience caused and hope this letter will find your understanding bridging the gap until the new final LR Type Approval Certificate format will be issued.

Yours sincerely,


Thorsten Wolff
Thorsten Wolff Support Office
Lloyd's Register EMEA
Senior Specialist
LR031.1.2016.06

Electrotechnical Systems
Hamburg Technical Support Office
Lloyd's Register EMEA
T +49 (0)40 34970010-267
E thorsten.wolff@lr.org