

**LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT**

**ISSUED BY: GLOBAL TECHNICAL SUPPORT OFFICE**  
**ISSUED TO: AUTRONICA FIRE & SECURITY AS**  
**FOR: AUTRONICA FIRE AND GAS DETECTION SYSTEM**  
**TYPE: FIRE AND GAS DETECTION ALARM AND CONTROL SYSTEM**

The undernoted documents have been appraised for compliance with the relevant requirements of the Lloyd's Register Type Approval Schemes Procedure V6(01/04/2025) and this Design Appraisal Document forms part of the Certificate.

**APPROVAL DOCUMENTATION**

Unnumbered	Application Checklist	
169116	Request for Marine Services – Type Approval	16.10.2025
PRJ111005062335	Audit of Security Features of Computer Based Systems	18.03.2026
Unnumbered	Inventory List	05.12.2025
1029400.2_F030	System Topology	05.12.2025
Unnumbered	Description of Security Capabilities	21.11.2025
Unnumbered	Autronica Secure Development Lifecycle (SDL) Process	21.11.2025
Unnumbered	Product Cybersecurity Operation Incident Response, Backup & Recovery Guide	21.11.2025
Unnumbered	Autronica Secure Configuration Guidelines	17.11.2025
Unnumbered	Product Cybersecurity Change Management Standard	21.11.2025
Unnumbered	Test Procedure for Security Capabilities	21.11.2025

**TEST REPORTS**

Unnumbered	Test Procedure for Security Capabilities	18.03.2026
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**CONDITIONS OF CERTIFICATION**

If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply

**PLACE OF PRODUCTION**

Autronica Fire & Security AS  
Bromstadvegen 59, Trondheim, 7047, Norway



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Hrishikesh P R  
17/04/2026

Maritime Operations  
Global Technical Support Office  
Electrical & Control Systems Discipline

Lloyd's Register Marine and Offshore India LLP

LR032.2022

Hrishikesh Pokkath Rajeev  
Specialist  
Electrical and Control Engineering  
Global Technical Support Office- Maritime Operations  
Lloyd's Register Marine and Offshore India  
Email: [hrishikesh.rajeev@lr.org](mailto:hrishikesh.rajeev@lr.org)



Pawan Borate  
17/04/2026

Marine and Offshore  
Global Technical Support Office  
Electrical & Control Systems Discipline

Lloyd's Register Marine and Offshore India LLP

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Pawan Borate  
Specialist  
Electrical and Control Discipline  
Global Technical Support Office- Marine & Offshore  
Lloyd's Register Marine and Offshore India LLP  
Email: [Pawan.Borate@lr.org](mailto:Pawan.Borate@lr.org)

### **Supplementary Type Approval Terms and Conditions**

*This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) 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 products designed or manufactured otherwise than in strict conformity with the said prototype(s)*

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