



CERTIFICATE NUMBER: OS2780916

PORT OFFICE: Oslo, Norway

## Certificate of MANUFACTURING ASSESSMENT

This is to certify that: The Undersigned did evaluate the relevant manufacturing quality procedures for the type of products of the manufacturer:

**Autronica Fire and Security AS Plant at Tonsberg, Norway**

The methods of assuring and controlling quality during production as required by the ABS Rules or Guides for the product and the associated specifications or standard were verified to reflect the specific surveys, required by the Rules and Standards for the manufacture of:

**Alarm System, high level and overflow; Gas Sampling System; Vapour Alarm System; and Water Level Detectors in Bulk Carriers**

The manufacturer presented a sample or specimen of the product, representative of the "type" approved, to the undersigned, for the purpose of verifying that the "type" has been manufactured in conformance with the Manufacturer's Product Design Assessments.

This Certificate of Manufacturing Assessment is an evaluation of the manufacturer alone and is neither an approval nor a rejection of the product described above. Unless cancelled, expired or revoked, this certificate remains valid subject to annual audits

Consult the ABS Type Approval website to confirm the continued validity of this certificate and the status of the particular products being manufactured.

ISSUE DATE 5 December 2014



4 December 2019

SURVEYOR

Arne S. Refshauge

FIRST ANNUAL  
ENDORSEMENT

SECOND ANNUAL  
ENDORSEMENT

THIRD ANNUAL  
ENDORSEMENT

FOURTH ANNUAL  
ENDORSEMENT

Note: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

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THE INTERNATIONAL CERTIFICATION NETWORK

# CERTIFICATE

IQNet and Nemko AS  
hereby certify that the organization

**Autronica Fire and Security AS**  
Trondheim and Tønsberg, Norway

for the following field of activities

Marketing, sales, development, engineering, manufacture,  
installation, commissioning and servicing of suppression, fire  
and gas detection and alarm systems

has implemented and maintains a  
**Quality Management System**

which fulfils the requirements of the following standard

## ISO 9001:2008

Issued on: 2014-05-27

Validity date: 2017-06-23

*Registration Number: NO-900776*



*Michael Drechsel*  
President of IQNet

*Pål Eddie*  
Nemko AS



**IQNet Partners\***

AENOR Spain AFNOR Certification France AIB-Vinçotte International Belgium ANCE-SIGE Mexico APCER Portugal CCC Cyprus  
CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany  
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico Inspecta Certification Finland IRAM Argentina  
JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland  
Quality Austria Austria RR Russia SII Israel SIQ Slovenia SIRIM QAS International Malaysia  
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia  
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

\* The list of IQNet partners is valid at the time of issue of this certificate.  
Updated information is available under [www.iqnet-certification.com](http://www.iqnet-certification.com)



Number 900776

# CERTIFICATE

## **Autronica Fire and Security AS**

Trondheim and Tønsberg, Norway

has implemented and maintains a Quality Management System which fulfills Nemko's provisions for Management System Certification and the requirements of the following standard

### **NS-EN ISO 9001:2008**

The certificate covers the following activities:

Marketing, sales, development, engineering, manufacture, installation, commissioning and servicing of suppression, fire and gas detection and alarm systems

Oslo, 2014-05-27

Ole Morten Weng  
Nemko AS, Certification Department

First time issued    2005-06-23  
Expires                2017-06-23

