

**TYPE APPROVAL CERTIFICATE**

**This is to certify:**

**That the Gas Detector**

with type designation(s)  
**S4000CH Combustible Gas Detector**

Issued to  
**General Monitors Inc**  
**Lake Forest, CA, United States**

is found to comply with  
**Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards**

**Application :**

**Location classes:**

<b>Temperature</b>	<b>D (*)</b>
<b>Humidity</b>	<b>B</b>
<b>Vibration</b>	<b>A</b>
<b>EMC</b>	<b>B</b>
<b>Enclosure</b>	<b>C / IP65</b>

**(\*) Performance test carried out at -40°C**

This Certificate is valid until **2018-12-31**.

Issued at **Høvik** on **2014-09-02**

DNV GL local station: **Long Beach**

Approval Engineer: **Andrzej Gdaniec**

for **DNV GL**

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**Odd Magne Nesvåg**  
**Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed. If any person suffers loss or damage which is proven to have been caused by any negligent act or omission of the Society, then the Society shall pay compensation to such person for his proven direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question. The maximum compensation shall never exceed USD 2 million. In this provision the "Society" shall mean DNV GL AS as well as all its direct and indirect owners, affiliates, subsidiaries, directors, officers, employees, agents and any other person or entity acting on behalf of DNV GL AS.



Certificate No: **A-13902**  
File No: **473.30**  
Job Id: **262.1-017426-1**

## **Place of manufacture**

### **Tests carried out**

Applicable tests according to Standard for Certification No. 2.4, April 2006.

Performance tests according to EN 61779-1, EN 61779-4, EN 60079-29-1: 2007.

### **Marking of product**

For identification to this type examination certificate the products shall be marked with:

- Manufacturer's name or trade mark
- Model name/type designation
- Serial number

### **Periodical assessment**

The scope of the periodical assessment is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the assessment are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given
- Ensuring traceability between manufacturer's product type marking and the type approval certificate

Periodical assessment is to be performed at least every second year and at renewal of this certificate.

END OF CERTIFICATE