

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Gas Detector

with type designation(s)
IR 400 & IR 4000S 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:

Temperature	D (*)
Humidity	B
Vibration	A
EMC	B
Enclosure	IP66 / C

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

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

Issued at **Høvik** on **2014-11-27**

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.

Certificate No: **A-14029**
File No: **473.30**
Job Id: **262.1-018197-1**

Tests carried out

Applicable tests according to Standard for Certification No. 2.4, April 2006 and EN 61779-1, EN 61779-4, EN 60079-29-1: 2007

Marking of product

The products to be marked with:

- model name
- manufacturer name
- 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