

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000054R
Revision No:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Portable Oxygen analysis and gas detection equipment

with type designation(s)

Gas Alert Quattro Four Gas Monitor Rechargeable H2S, CO, O2, LEL

Issued to

Ademco de Juarez S de RL de CV
Juarez, Chihuahua, Mexico

is found to comply with the requirements in the following Regulations/Standards:

Regulation (EU) 2020/1170,

item No. MED/3.30. SOLAS 74, Regulation II-2/4, VI/3, XI-1/7, FSS Code 15 and MSC.1/Circ.1477, IMO MSC.1/Circ.1581.

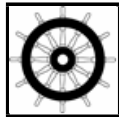
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-04-02**.

Issued at **Hamburg** on **2021-08-05**

DNV local station:
Certification & Inspection Services

Approval Engineer:
Didier Girardin



Notified Body
No.: **0098**

for **DNV SE**

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Christine Mydlak-Roeder
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

The Gas Alert Quattro is an intrinsically Safe, portable multi-gas detector for monitoring up to 4 gasses simultaneously and continuously: oxygen [deficiently/enrichment], combustibles, carbon monoxide and hydrogen sulfide. A 4.2V lithium polymer battery pack or 3-Cell "AA" Alkaline pack powers the detector.

Application/Limitation

Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to DNV GL Rules and Ex-Certification / Special Condition for Safe Use listed in valid Excertificate issued by a notified/recognized Certification Body.

Limitation and installation instruction according certificate KEMA 09ATEX0137 Issue Number:3 to be observed

Type Examination documentation

Hidden

Tests carried out

IEC 60945 (2002) incl. IEC 60945 Corr. 1 (2008)
IEC 60092-504:2016
IEC 60533:2015
EN 60079-0:2018
EN 60079-1:2014
EN 60079-10-1:2015*
EN 60079-11:2012
EN 60079-15:2010*
EN 60079-26:2015*
EN 60079-29-1:2016
EN 50104:2010
*not applicable

Marking of product

The products to be marked with:
- according Article 10 of the Council Directive (MED)
- manufacturer name
- model name
- serial number
- power supply ratings