



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx PRE 17.0031X

Issue No: 0

Certificate history:

[Issue No. 0 \(2018-07-05\)](#)

Status: **Current**

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Date of Issue: **2018-07-05**

Applicant: **Neo Monitors AS**
Prost Stabels vei 22
2019 Skedsmokorset
Norway

Equipment: **LaserGas Q ICL**

Optional accessory:

Type of Protection: **Ex nA, Ex tc**

Marking:

Ex nA nC IIC T5 Gc, -20°C ≤ Ta ≤ +55°C

Ex tc IIIC T85°C Dc, -20°C ≤ Ta ≤ +55°C

*Approved for issue on behalf of the IECEx
Certification Body:*

Bjørn Spongsveen

Position:

Certification Manager

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

DNV GL Nemko Presafe AS
Veritasveien 3
1363 Høvik
Norway





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Manufacturer: **Neo Monitors AS**
Prost Stabels vei 22
2019 Skedsmokorset
Norway

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-31 : 2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7 : 2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[NO/PRE/ExTR18.0034/00](#)

Quality Assessment Report:

[NO/DNV/QAR12.0012/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The LaserGas Q ICL Monitor is an optical instrument based on transmitting infrared laser light from a transmitter unit on one side of the stack to a receiver unit in the diametrically opposite side of the stack. The measurement principle is called infrared single-line absorption spectroscopy.

Type designation

LaserGas Q ICL

Electrical Data

U=24V, 20W

Degrees of protection (IP Code) :IP 66/67

SPECIFIC CONDITIONS OF USE: YES as shown below:

Potential risk of electrostatic discharge. See instructions for guidance to minimize risk of electrostatic discharge.