

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Test and Calibration Equipment

with type designation(s)

Pressure calibrators PCA205M/PC705M,

Pressure meter PM205/DMT1,

Accessories Pressure kits:

5PM61(68)HH / SPM61(68)HP60H / 5PM61(68)LP40 / 5PM61(68)LP60,

5MTS61(68)HH / 5MTS61(68)HP60H / 5MTS61(68)LP40 / 5MTS61(68)LP60

Issued to

IKM Instrutek AS

Larvik, Norway

is found to comply with

DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

The instruments are only approved as portable pressure test- and calibration instruments.

Issued at **Høvik** on **2017-06-12**

This Certificate is valid until **2019-06-30**.

DNV GL local station: **Sandefjord**

for **DNV GL**

Approval Engineer: **Nils Jarem**

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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.



Job Id: **262.1-008057-4**
Certificate No: **TAA000018G**

Product description

Pressure calibrators PCA205M/PC705M

Pressure meter PM205/DMT1

Accessories Pressure kits:

5PM61HH / 5PM61HP60H / 5PM61LP40 / 5PM61LP60,
5MTS61HH / 5MTS61HP60H / 5MTS61LP40 / 5MTS61LP60
5MTS68HH / 5MTS68HP60H / 5MTS68LP40 / 5MTS68LP60

Application/Limitation

The instruments are only approved as portable pressure test- and calibration instruments. For use in connection with class notation E0, calibration shall be carried out at 12 months intervals.

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

Type Approval documentation

Tests carried out

Overpressure test, ref. DNV Sandefjord, for PM205 ref. email 2005-01-13.

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