DNV·GL

Certificate No:
TAA00000YC

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Pressure Transmitter

with type designation(s)
Series GSK

Issued to
SAGINOMIYA SEISAKUSHO, INC.
Shinjuku-ku, Tokyo, Japan

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.

Location classes:

Temperature	**D**
Humidity	**B**
Vibration	**B**
EMC	**A**
Enclosure	**C**

This Certificate is valid until **2021-12-31**.

Issued at **Høvik** on **2017-01-12**

for **DNV GL**

DNV GL local station: **Yokohama**

Approval Engineer: **Ståle Sneen**

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.

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Job Id:
Certificate No: **TAA00000YC**

Product description

Series GSK, consisting of:

GSK-700M15	GSK-701M15	GSK-702M15	GSK-704M15	GSK-706M15
GSK-710M15				
GSK-001M15	GSK-002M15	GSK-003M15	GSK-004M15	GSK-006M15
GSK-010M15	GSK-015M15	GSK-016M15	GSK-020M15	GSK-025M15
GSK-035M15	GSK-040M15	GSK-050M15		
GSK-700M15Q1	GSK-701M15Q1	GSK-702M15Q1	GSK-704M15Q1	GSK-706M15Q1
GSK-710M15Q1				
GSK-001M15Q1	GSK-002M15Q1	GSK-003M15Q1	GSK-004M15Q1	GSK-006M15Q1
GSK-010M15Q1	GSK-015M15Q1	GSK-016M15Q1	GSK-020M15Q1	GSK-025M15Q1
GSK-035M15Q1	GSK-040M15Q1	GSK-050M15Q1		

Approval conditions

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV GL, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV GL rules for classification of ships Pt.4 Ch.9 Control and monitoring systems.

Application/Limitation

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

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 after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE