



Certificate No:
TAM00001BK

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Gas Valve Unit

with type designation(s)
GVU-100211

Issued to

Hu Dong Heavy Machinery Co., Ltd.
Shanghai, China

is found to comply with
DNV rules for classification – Ships

Application :

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

Inlet pressure [bar]

Size [Ø mm]

Enclosure [enclosed/open] Enclosed

Issued at **Høvik** on

This Certificate is valid until .

for **DNV**

DNV local unit: **Shanghai**

Approval Engineer: **Eivind Finne Riley**

Dalibor Bukarica
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.

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

Gas pressure control unit.

Application/Limitation

Type	Inlet pressure [bar]	Size
GVU-100211	16.0	DN100

Type Approval documentation

Tests carried out

Type Approval tests for complete unit carried out September 23rd 2023, document ID: 08074011.00a

Places of production

Hu Dong Heavy Machinery Co., Ltd. Shanghai, China.

Marking of product

For traceability the following marking is to be carried out on each product:

- Manufacturers name or mark
- Type designation (Serial Number)
- Additional marking at manufacturer's option.

Periodical assessment

DNV's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Program DNV-CP-0338, Section 4.

Other conditions

The GVU control and monitoring systems, including sensors and actuators, are not covered by this type approval.