DNV·GL

Certificate No:
TAM00000J8

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Reduction Gear for Diesel Propulsion

with type designation(s)
AGF-1131, AGF-1131

Issued to
NOGVA MOTORFABRIKK A/S
SØVIK, Norway

is found to comply with
DNV GL rules for classification – Ships

Application :

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

Type	Input torque	Input speed	Reduction ratio
AGF-1131	496 Nm	2500 Rpm	2.95: 1
AGF-1131	458 Nm	2500 Rpm	4.2: 1

Issued at **Høvik** on **2017-05-23**

This Certificate is valid until **2022-05-22**.

for **DNV GL**

DNV GL local station: **Ålesund**

Approval Engineer: **Geir Olav Moen**

Oddvar Deinboll
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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Product description

Marine single stage reduction gear

Application/Limitation

The approval is not valid for ice class notation
Instrumentation and automation is not included in the type approval

Type Approval documentation

Marking of product

The product to be marked with the manufacturer's name or trademark and type number identification.

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform an assessment after 2 years and after 3.5 years to verify that the conditions of the type approval are complied with. A renewal assessment will be performed at renewal of the certificate.

The objective of the Periodical Assessment is to verify that the conditions for the Type Approval are not altered since the Type Approval Certificate was issued.

In cases where the Type Approved product is manufactured at other companies, the Periodical Assessment shall verify that the Type Approval applicant has a quality control system for consistent production at their licensees/subcontractors. Furthermore Periodical Assessment shall be carried out randomly at these companies.

END OF CERTIFICATE