



DNV

TYPE APPROVAL CERTIFICATE

Certificate No:
TAM00001AU

This is to certify:

That the Diesel Engine

with type designation(s)
6/8 DL36

Issued to

Anglo Belgian Corporation NV
Gent, Belgium

is found to comply with

DNV Rules for classification, Ships - DNV-RU-SHIP-Pt4 Ch3 Sec1, Reciprocating Internal Combustion Engines

Application :

propulsion / auxiliary

Products approved by this certificate are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **17th of April, 2023**

This Certificate is valid until **16th of April, 2028**.

DNV local station: **Antwerp**

for **DNV**

Approval Engineer: **Dag Harald Williksen**

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Olaf Drews
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

four stroke, in-line engine, non-reversible, trunk-piston, with two-stage turbocharging, with charge air cooling, constant-pressure charging system, direct injection, injection operation by cams, valve operation by cams, liquid fuel

Cylinder bore [mm]	365
Piston stroke [mm]	420
No. of cylinders	6 and 8 in-line

Application/Limitation

Rated power [kW/cyl.]	660
Rated speed [rpm]	750
Mean effective pressure [bar]	24
Max. firing pressure [bar]	240

Type Approval documentation

Tests carried out

Documentation:

Test report title	DL36 Type Approval Test as executed
Place of test	ABC, Gent, Belgium
Date of test	2022-05-10 until 2022-05-13

Test engine:

Model	6DL36-750-240-K
Serial no.	14448
No. of cylinders	6
Power [kW/cyl.]	3955
Speed [rpm]	750

Marking of product

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

Periodical assessment

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.

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 case 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.

Other Conditions

Flexible hoses to be Type Approved by DNV.

Engine safety, control and monitoring systems, including sensors and actuators are not covered by this type approval certificate. Documentation for engine safety, control including speed governing and monitoring systems shall be submitted for approval according to the Rules Pt.4 Ch.9 Sec.1 Table 5 and/or as listed in relevant type approval certificates.

Electric cables and installation of this is not covered by this approval and must be verified to comply with the requirement of the Rules Pt.4 Ch.8 - Electrical Installation.

END OF CERTIFICATE