



Certificate no.:
TAM00001FR

TYPE APPROVAL CERTIFICATE

This is to certify:
that the Diesel Engine

with type designation(s)
G50ME-C10

issued to
Everllence SE
Copenhagen SV, Denmark

is found to comply with
DNV rules for classification – Ships Pt.4 Ch.3 Sec.1 Reciprocating internal combustion engines

Application:
Propulsion

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

Rating See page 2

Issued at **Høvik** on **2026-03-24**

This Certificate is valid until **2031-03-23**.

for **DNV**

DNV local unit: **Denmark CMC**

Approval Engineer: **Tage Olav Alexander Strøm**

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 USD 300 000.

Product description

Two stroke, in-line engine, reversible, crosshead, with supercharging, with charge air cooling, constant-pressure charging system, direct injection, injection operation electronically controlled, valve operation electronically controlled, liquid fuel
Alternative fuel options: Not applicable

Cylinder bore: 500 mm
Piston stroke: 2500 mm

No. of cylinders: 5, 6, 7, 8

Application/Limitation

Rated power [kW/cyl.]	1180
Rated speed [rpm]	83
Mean effective pressure [bar]	21
Max. firing pressure [bar]	210
Definition Mk	10

Type Approval documentation

262.1-044634-1/A1777891

Tests carried out

Documentation:

Test report title	ShopTest Report
Document number	K2M0-IR26KA-0335, dated 2026-02-20
Place of test	Hyundai Heavy Industries
Date of test	2026-01-12

Test engine:

Model	Everlence 6G50ME-C10.7
Engine No.	KAA008727
No. of cylinders	6
Power [kW/cyl.]	1180
Speed [rpm]	83

Marking of product

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

Periodical assessment

Meetings on regularly basis and at least every second year with the Type Approval applicant (hereof: the Engine Designer) shall be arranged with the objective to verify that the conditions for the Type Approval are not altered since the Type Approval Certificate was issued, and to keep DNV updated with regard to:

- The latest development status and design as covered by the Type Approval certificate.
- Damages and failures of products certified by DNV leading to break down or other malfunctions in service. The causes and reasons for the failure and results from investigations are to be made available to DNV upon request.
- Failure to inform DNV may lead to suspension of this Type Approval certificate.

In cases where the Type Approved design is manufactured at other companies, DNV shall verify that the Type Approval applicant has a quality control system for consistent production at their licensees/subcontractors

Other Conditions:

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

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. Reference is made to type approval certificate no. TAA0000027G for the engine control system.

END OF CERTIFICATE