



ENGINE INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

Certificate No:
EC25035
Date of issue:
2025-03-04

Issued under the provisions of the Protocol of 1997, as amended by resolution MEPC.176(58) in 2008, to amend the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 related thereto (hereinafter referred to as "the Convention")
under the authority of the Government of

ANTIGUA AND BARBUDA

by DNV

Particulars of engine

Engine manufacturer:	Wärtsilä Finland Oy
Model number:	6L46C
Serial number:	91621
Test cycles(s):	E2
Rated power (kW) and speed (rpm):	6300 kW @ 500 rpm
Engine approval number:	EC25035

This is to certify:

- That the above-mentioned marine diesel engine has been surveyed for pre-certification in accordance with the requirements of the Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines 2008 made mandatory by Annex VI of the Convention; and
- That the pre-certification survey shows that the engine, its components, adjustable features, and Technical File, prior to the engine's installation and/or service on board a ship, fully comply with the applicable regulation 13 of Annex VI of the Convention.

This Certificate is valid for the life of the engine subject to surveys in accordance with regulation 5 of Annex VI of the Convention, installed in ships under the authority of this Government.

Issued at **Hamburg, Germany** on **2025-03-04**



for DNV

This document is signed electronically in accordance with IMO FAL. 5/Circ.39/Rev.2. Validation and authentication can be obtained from trust.dnv.com by using the Unique Tracking Number (UTN): **EC25035**

Fabian Kock

Head of Section Environmental Certification

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SUPPLEMENT TO ENGINE INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE (EIAPP CERTIFICATE)

RECORD OF CONSTRUCTION, TECHNICAL FILE AND MEANS OF VERIFICATION

Notes:

- 1 This Record and its attachments shall be permanently attached to the EIAPP Certificate. The EIAPP Certificate shall accompany the engine throughout its life and shall be available on board the ship at all times.
- 2 The Record shall be at least in English, French or Spanish. If an official language of the issuing country is also used, this shall prevail in case of a dispute or discrepancy.
- 3 Unless otherwise stated, regulations mentioned in this Record refer to regulations of Annex VI of the Convention and the requirements for an engine's Technical File and means of verifications refer to mandatory requirements from the revised NO_x Technical Code 2008.

1. Particulars of the engine

.1	Name and address of manufacturer	Wärtsilä Finland Oy Teollisuuskatu 1 65170 Vaasa Finland
.2	Place of engine build	Turku, Finland
.3	Date of engine build	2004
.4	Place of pre-certification survey	Turku, Finland
.5	Date of pre-certification survey	2004
.6	Engine type and model number	6L46C
.7	Engine serial number	91621
.8	If applicable, the engine is a parent engine <input type="checkbox"/> or a member engine <input checked="" type="checkbox"/> of the following engine family <input type="checkbox"/> or engine group <input checked="" type="checkbox"/>	Wärtsilä 46 Group IV
.9	Individual engine or engine family / engine group details:	
.1	Approval reference	09041-00 HH
.2	Rated power (kW) and rated speed (rpm) values or ranges	6300 kW @ 500 rpm
.3	Test cycle(s)	E2
.4	Parent engine(s) test fuel oil specification	ISO-F-DMB
.5	Applicable NO _x emission limit (g/kWh), regulation 13.3	12.9 g/kWh
.6	Parent engine(s) emission value (g/kWh)	12.6 g/kWh

2. Particulars of the Technical File

The Technical File, as required by chapter 2 of the NOx Technical Code 2008, is an essential part of the EIAPP Certificate and must always accompany an engine throughout its life and always be available on board a ship.

.1	Technical File identification/approval number	55598-05 HH
.2	Technical File approval date	2005-04-06

3. Specifications for the onboard NO_x verification procedures

The specifications for the onboard NO_x verification procedures, as required by chapter 6 of the NOx Technical Code 2008, are an essential part of the EIAPP Certificate and must always accompany an engine through its life and always be available on board a ship.

.1 Engine parameter check method:		
.1	Identification/approval number	55598-05 HH
.2	Approval date	2005-04-06
.2 Direct measurement and monitoring method:		
.1	Identification/approval number	-
.2	Approval date	-

Alternatively the simplified measurement method in accordance with 6.3 of the NO_x Technical Code 2008 may be utilized.

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