



ENGINE INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

Certificate No:
EC25038
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:	Caterpillar Inc.
Model number:	3508B
Serial number:	3DM00484
Test cycles(s):	D2
Rated power (kW) and speed (rpm):	790 kW @ 1800 rpm
Engine approval number:	EC25038

This is to certify:

1. 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
2. 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): EC25038

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	Caterpillar Inc. 100 N.E. Adams Street Peoria IL 61629-0002 USA
.2	Place of engine build	Lafayette, USA
.3	Date of engine build	2004
.4	Place of pre-certification survey	Lafayette, USA
.5	Date of pre-certification survey	2004
.6	Engine type and model number	3508B
.7	Engine serial number	3DM00484
.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 checked="" type="checkbox"/> or engine group	3500A1500&1800
.9	Individual engine or engine family / engine group details:	
.1	Approval reference	n.a.
.2	Rated power (kW) and rated speed (rpm) values or ranges	790 kW @ 1800 rpm
.3	Test cycle(s)	D2
.4	Parent engine(s) test fuel oil specification	ISO-F-DMX
.5	Applicable NO _x emission limit (g/kWh), regulation 13.3	10.1 g/kWh
.6	Parent engine(s) emission value (g/kWh)	7.0 g/kWh

2. Particulars of the Technical File

The Technical File, as required by chapter 2 of the NO_x 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	ABS-NTC-1013-0002-00050
.2	Technical File approval date	2005-08-22

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 NO_x 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	ABS-NTC-1013-0002-00050
.2	Approval date	2005-08-22
.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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