

MARPOL Annex VI – Prevention of air pollution from ships

The New Zealand Government will become party to Annex VI of the International Convention for the Prevention of Pollution from Ships (MARPOL) by late 2021.

MARPOL Annex VI seeks to address:

- the impact of air pollution from shipping activities on human health and environments, and
- the impacts of emissions from shipping activities on climate change and ozone layer depletion.

Survey and Certification overview

What certificates are required?

The certification requirements depend on the type and size of the ship, engine type and power, operating area and date of ship construction.

- 1 International Air Pollution Prevention Certificate (IAPPC) and supplement applies to ships of 400GT or more, on international voyages and potentially domestic ships.
- 2 Engine International Air Pollution Prevention Certificate (EIAPP) applies to diesel engines of over 130kW and is issued for each engine.
- 3 International Energy Efficiency Certificate (IEEC) applies to ships of 400GT or more, on international voyages and potentially domestic ships
- 4 Statement of Compliance (for fuel oil consumption) applies to ships of 5000GT or more, on international voyages.

There are a range of documents and records required for these certificates.

Contact us

You can contact us with any comments or questions at:
 MARPOLAnnexVIPProject@maritimenz.govt.nz

What are the Survey requirements?

Ship

Annex VI requires ships of 400GT or more and every fixed and floating drilling rig and other platforms to be surveyed to ensure compliance with the applicable emission controls.

- An **initial survey** is required to confirm that the equipment, systems, fittings, arrangements and material comply with Annex VI before the ship is in service or before the IAPPC is issued for the first time for existing ships.
- Survey requirements for existing ships will be harmonised with the ship's existing survey schedule once Annex VI comes into force in New Zealand.

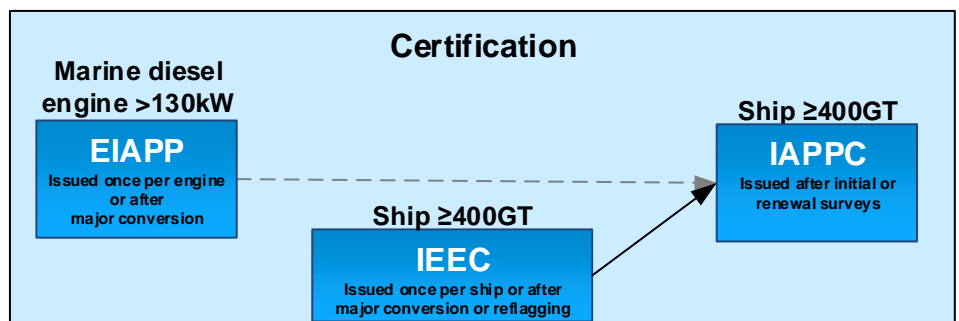
Engine

Engine surveys are required for diesel engines over 130kW on ships constructed on or after 1 Jan 2000, or after major engine conversion or replacement (except identical replacement engines).

This applies to ships used for commercial or recreational purposes (excluding marine diesel engines used solely for emergency purposes).

Surveys include:

- **pre-certification survey** at the manufacturer's facility to ensure that the engine, as designed and equipped, complies with the NO_x emission limit. Leading to EIAPP.
- **initial survey** to ensure that the engine as installed complies with applicable NO_x emission limits.
- for ships of 400GT or more, these engines, as installed on board, are included in the surveys for the IAPPC.



Refer to the Maritime NZ website for further information: www.maritimenz.govt.nz/marpol
 Refer to the IMO website for information about Annex VI: www.imo.org