

**MPC
33**

(July 2004)
(Rev.1
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(Rev.2
Nov 2019)

**Resolution 2 of the 1997 MARPOL Conference
Technical Code on Control of Emission of
Nitrogen Oxides from Marine Diesel Engines**

(NO_x Technical Code 2008, Chapter 2, Paragraph 2.2.4.1)

Chapter 2.2.4

Chapter 2.2 Procedures for pre-certification of an Engine Group

Chapter 2.2.4 reads as follows:

Paragraph 2.2.4.1, Chapter 2 of the NO_x Technical Code (NTC) 2008 reads:

There are engines which, due to their size, construction and delivery schedule, cannot be pre-certified on a test-bed. In such cases, the engine manufacturer, shipowner or ~~ship builder~~ shipbuilder shall make application to the Administration requesting an ~~on-board~~ onboard test (see 2.1.2.2). The applicant must demonstrate to the Administration that the ~~on-board~~ onboard test fully meets all of the requirements of a test-bed procedure as specified in chapter 5 of this Code. Such a survey may be accepted for one engine or for an engine group represented by the parent engine only, but it shall not be accepted for an engine family certification. In no case shall an allowance be granted for possible deviations of measurements if an initial survey is carried out on board a ship without any valid pre-certification test. For engines undergoing an on-board certification test, in order to be issued with an EIAPP Certificate, the same procedures apply as if the engine had been pre-certified on a test-bed, subject to the limitations given in paragraph 2.2.4.2.

Note:

1. This UI is to be uniformly implemented by IACS Societies from 19 May 2005.
2. Revision 1 of this UI is to be uniformly implemented by IACS Societies from 1 July 2006.
3. Revision 2 of this UI is to be uniformly implemented by IACS Societies from 1 July 2020.

Interpretation

~~For engines Engines undergoing an on-board certification test, to be issued with an EIAPP Certificate, the same procedure apply as if the engine had been pre-certified on a test bed: shall have a preliminary approved Technical File, pending the results of the emission test.~~

If the result of the emission test does not comply with the applicable NOx regulation, the engines are to be re-adjusted to the compliance condition originally approved, if any, or the applicant is to apply to the Flag Administration for acceptance of further testing.

- ~~(a) the survey on board meets the pre-certification survey requirements; and~~
- ~~(b) the on-board test fully meets all of the requirements of a test bed procedure as specified in chapter 5 of the NOx Technical Code; and~~
- ~~(c) the application average weighted NOx emission value meets the requirements of Regulation 13 of Annex VI; and~~
- ~~(d) the engine has an approved Technical File.~~

~~(MEPC/Circ.473)~~

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