

# MPC 51

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

(July 2004)  
(Rev.1  
Jan 2017  
Withdrawn)

### Chapter 3.2.1

Chapter 3.2 Test cycles and weighting factors to be applied

Chapter 3.2.1 reads as follows:

For every individual engine or parent engine of an engine group or family, one of the test cycles specified in 3.2.2 to 3.2.6 shall be applied for verification of compliance with the NO<sub>x</sub> emission limits in accordance with regulation 13 of Annex VI.

#### Interpretation:

For application of this section it shall be interpreted that:

- (a) One of the test cycles specified in Chapters 3.2.2 to 3.2.6, applicable to the application, shall be applied.
- (b) Where more than one test cycle is to be applied the average cycle weighted NO<sub>x</sub> emission value (in g/kWh) for each cycle is to be stated on the EIAPP Certificate 1.15, together with the corresponding limit value, 1.14.
- (c) A Parent Engine test for a particular duty cycle is to follow the appropriate test cycle. A Parent Engine emission value shall not be 'constructed' by, for example, adding data from one test to emission values taken from another test.
- (d) In those instances where a constant speed engine as installed can be used either solely for main propulsion or auxiliary purposes, then that engine should be certified to both the E2 and D2 cycles.
- (e) Where a generator is also permanently fitted or coupled to main engine propulsion shafting then certification of that main engine using only the E2 or E3 cycle, as appropriate, is required.

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Note:

1. This UI is to be uniformly implemented by IACS Societies from 19 May 2005.
2. Rev.1 of this UI was withdrawn prior to coming into force on 1 July 2018.