
MPC 32 Resolution 2 of the 1997 MARPOL Conference

Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines

(July 2004)

Chapter 1.3.2.2

Chapter 1.3 Definitions

Chapter 1.3.2.2 reads as follows:

For engines installed on ships constructed before 1 January 2000, *substantial modification* means any modification made to an engine which increases its existing emission characteristics established by the simplified measurement method as described in 6.3 in excess of the allowances set out in 6.3.11. These changes include, but are not limited to, changes in its operations or in its technical parameters (e.g., changing camshafts, fuel injection systems, air systems, combustion chamber configuration, or timing calibration of the engine).

Interpretation:

For application of this section it shall be interpreted that an increase in “emission characteristics” relates to an increase in the application average cycle weighted NO_x emission value.

Furthermore it shall also be interpreted that any modification made on or after 1 January 2000 to such an engine involving alternative duty cycle, rating, components or settings that were available, but not necessarily utilised, prior to 1 January 2000 shall not be considered as representing a “substantial modification” to that engine.

Note:

This UI is to be uniformly implemented by IACS Societies from 19 May 2005.

