
MPC 81
(July 2004)

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

Appendix 4 Calibration of the analytical instruments (Refer to chapter 5 of the NO_x Technical Code)

8.1

8 Interference effects with CO, CO₂, NO_x and O₂ analysers

8.1 *CO analyser interference check*

8.1 reads as follows:

Water and CO₂ may interfere with the CO analyser performance. Therefore, a CO₂ span gas having a concentration of 80 to 100% of full scale of the maximum operating range used during testing shall be bubbled through water at room temperature and the analyser response recorded. The analyser shall not be more than 1% of full scale for ranges greater than or equal to 300ppm or more than 3ppm for ranges below 300ppm.

Interpretation:

For application of this section the term “The analyser shall not be more than ...” shall be interpreted as “The analyser response shall not be more than ...” to correctly reflect the intent of this statement and ISO 8178-1 Section 8.9.1.

Note:

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

