

Gaseous emissions calculation of marine diesel engines fitted with selective catalytic reduction (SCR) systems

Resolution MEPC.198(62)

5.2.1 The calculation method in section 5.12 of the NTC 2008 is also applied to engine systems fitted with SCR. No allowance is made for the reductant solution injected into the exhaust gas stream in respect of its effect on exhaust gas mass flow rate calculation (appendix VI) or dry/wet correction factor (equation (11), paragraph 5.12.3.2.2 of the NTC 2008). The NO_x correction factor for humidity and temperature (equations (16) or (17), paragraphs 5.12.4.5 and 5.12.4.6, respectively, of the NTC 2008) should not be applied.

Interpretation

The gaseous emissions calculation method given in Resolution MEPC.198(62) paragraph 5.2.1 for Scheme A is the approach to use, it applies to both Scheme A and Scheme B certification of marine diesel engines fitted with selective catalytic reduction (SCR) systems.

Notes:

1. This Unified Interpretation is to be uniformly implemented by IACS Societies from 1 January 2015.

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