

REGULATION COMPLIANCE

MARPOL Annex VI Regulation 13

MariNOx™ remains the simplest way to comply with MARPOL Annex VI Regulation 13, and is the emissions monitoring system chosen by many of the world's leading shipowners. The latest amendments to MARPOL Annex VI have resulted in major reductions in allowable NO_x emissions levels over the course of the next few years. These reductions will necessitate emissions-reduction technology and on-board emissions monitoring as standard.

ISO 14001

Many modern shipping companies commit to the ISO14001 environmental performance management system. Under ISO14001, the direct monitoring and reporting of air emissions using MariNOx™ is considered to be best practice. MariNOx™ delivers totally accurate emissions data rather than relying upon relatively inaccurate modelling based purely on fuel consumption models.

CO₂ Indexing and Emissions Trading

Pressure is now focused on the shipping industry to fall into line with other industries and begin emissions trading. Recent studies have shown that over 65% of shipowners believe CO₂ indexing followed by emissions trading is the way forward. The MariNOx™ system is already being used by leading shipping companies for the CO₂ indexing of their vessels.

Classification Society Environmental Notations

Classification societies are now introducing environmental notations to encourage the highest level of environmental performance on new ships. In 2006, Bureau Veritas led the way by introducing their CLEANSHIP SUPER NOTATION, which made the installation of a Type Approved on-board NO_x monitoring system mandatory. Other class societies are reviewing their highest level environmental notations in relation to shipboard air emissions.

The Future

The MariNOx™ system has been designed to be 'future-proof' against future regulations, allowing simple 'plug and play' analyser inputs that ensure no additional emissions-reporting systems will ever need to be purchased.

