Environmental Incentive: Emissions Control Questionnaire

NSW Ports is committed to sustainable growth and environmental improvements. As part of our Environmental Incentive we are gathering information about ships which visit Port Botany and Port Kembla. Specifically we wish to understand the types of control measures ships are utilising to reduce emissions of air pollutants and greenhouse gases.

To qualify for the NSW Ports Environmental Incentive rebate, a completed questionnaire must be submitted annually by the ship owner or its authorised agent for each ship. The questionnaire must be submitted before the last day of the first month of the quarter in order to be eligible for a rebate in that quarter. For instance, to be eligible for a rebate in the quarter Jan-Mar 2019, the questionnaire must be submitted by 31 January 2019.

The validity of each completed questionnaire will expire annually on 31 December and ship owners/agents will be required to resubmit a revised questionnaire by 31 January to maintain eligibility for the Incentive. The information provided in the questionnaire will help NSW Ports to assess the effectiveness of the Incentive program and identify trends in ship design and operation that may inform the provision of infrastructure and services at our ports.

Data collected will not be disclosed to third parties and will only be reported on in themes or in aggregated form. Data will not be shared or reported in such a manner as to identify any vessel or organisation without their permission.

Your Details

Name:

Organisation:

Phone no.:

Email:

Signature:

Vessel Details

Vessel Name:

IMO Number:

Vessel Owner:

Vessel Operator:

Year Built:

Sulphur Oxides (SO_x) Control Measures

Q: Which of the following measures are used to control SO_x emissions from this vessel:
Tick all that apply:

- ○ Low-sulphur fuel consumed in main engines
- ○ Low sulphur fuel consumed in auxiliary engines
- ○ Low sulphur fuel consumed in auxiliary boilers
- ○ Exhaust gas cleaner (scrubber) system on main engine exhaust
- ○ Exhaust gas cleaner (scrubber) on auxiliary engine exhaust
- ○ Exhaust gas cleaner (scrubber) on auxiliary boiler exhaust

Nitrogen Oxides (NO_x) Control Measures

Q: Which of the following measures are used to control NO_x emissions from this vessel?
Tick all that apply:

- ○ Selective catalytic reduction
- ○ Humid air motor
- ○ Fuel-water emulsion
- ○ Direct water injection
- ○ Exhaust gas recirculation
- ○ Other (please specify):
- ○ Two-stage turbocharger
- ○ Internal engine modification (e.g. slide valve fuel injectors, ultra-long stroke)
- ○ Alternative fuel (please specify)

Greenhouse Gas Emissions (CO_2) Control Measures

Q: Which of the following measures are used to control CO_2 emissions from this vessel.
Tick all that apply:

- ○ Speed optimisation
- ○ Weather routing
- ○ Autopilot upgrade
- ○ Propeller polishing
- ○ Propeller upgrade/optimisation
- ○ Hull cleaning
- ○ Hull design optimisation
  Other (please specify):
- ○ Waste heat recovery
- ○ Air lubrication
- ○ Main engine retrofit
- ○ Alternative fuel (please specify)
- ○ On-board renewable energy generation (eg wind, solar)
- ○ Onshore power supply

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