

Overview

This standard covers the competence required to manage a port's marine environmental responsibilities including producing and operating a port environmental management system; managing maintenance dredging; managing capital dredging and managing port waste.

The role requires the interpretation and application of, and compliance with, relevant international and national regulations; local legislation, codes of practice, standards, frameworks and industry guidance

Target Group

This standard applies to individuals who have a duty to facilitate the safe and efficient use of the harbour. Typically, this will be the Harbour Master or Authorised Deputies with delegated powers.

Note that in this NOS, unless otherwise specified, the term port may also mean harbour. However, the term harbour does not necessarily mean port.

Manage the port marine environmental status

Performance criteria

You must be able to:

1. identify and formally document port marine environmental status and conservation features in consultation with stakeholders
2. comply with international and national regulations relevant to port environmental management
3. manage the environmental impact of port marine operations
4. assess the need for capital and maintenance dredging
5. manage port waste, including:
 1. developing a port waste management policy and plan
 2. resourcing the management of port waste
 3. operating the port waste management system
 4. monitoring and reviewing port waste management

Knowledge and understanding

You need to know and understand:

1. international and national regulations; local legislation, codes of practice, standards, frameworks and industry guidance 2. the extent and features of the physical environment for which the harbour master has responsibility and authority 3. what port activities are likely to have an impact on the environment, and what adverse consequences could potentially arise from those activities 4. the types and classification of port environmental and conservational features 5. current regulations, guidance and codes relating to port environmental management, including requirements for licenses and consents 6. who the port environmental management stakeholders are 7. the powers and working practices of statutory and other organisations that may be concerned with port environmental management 8. typical conservation measures a port might use to protect the environment within its jurisdiction 9. how to assess the risk mitigation effect of conservation measures 10. the typical format and content of a port environmental policy 11. the principles of environmental impact assessments 12. the typical format, content and issues addressed in port waste management policies and plans 13. how to produce a formally documented port environmental management system in consultation with appropriate stakeholders to: 1. assess 2. control 3. monitor and record the environmental impact of port marine operations 14. the typical format, content and issues addressed in maintenance dredging policies and plans including: 1. licensing 2. monitoring of dredging and disposal 15. how to manage maintenance dredging, including: 1. developing a dredging policy and dredge plan 2. gaining consent for dredging and disposal 3. resourcing the dredging policy and dredge plan 4. monitoring and reviewing the dredging policy and dredge plan 16. the typical criteria, processes and requirements of capital dredging projects 17. how to manage capital dredging, including: 1. planning capital dredging 2. gaining consent 3. resourcing capital dredging 4. monitoring and review capital dredging

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Relevant Occupations Harbour Masters, Harbour Masters and those with delegated Harbour Master powers

Suite Harbour Masters

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