

NOS PSSPO106 Support safe navigation within port areas

Unit PSSPO106.2 Maintain clear channels and water areas (SQA Unit Code-H78B 04)

Performance Criteria

You must be able to

Maintain clear channels and water areas

1. undertake regular visual and hydrographic inspections of the port's navigable channels
2. respond to reports of obstructions
3. report actual and potential obstructions or **hazards** in navigable channels
4. identify, and obtain, the appropriate gear and equipment required to carry out clearance operations, and confirm that it is in good working order before leaving the shore
5. establish and confirm clear communication links with relevant persons before leaving the shore
6. ensure that where weather conditions allow, and where required licences or permissions have been granted, obstructions and **hazards** are removed, ensuring that any **risks** to self and others are minimised
7. identify the area to be dredged, and operate dredging equipment safely, ensuring that dredging occurs at the required level
8. dispose of items and dredged materials removed from the water safely
9. report any suspicious items to the relevant person
10. upon completion ensure that those working areas above water are clean, tidy and free from obstructions

Knowledge and understanding

You need to know and understand

1. the legal responsibilities for maintaining own and others' health and safety in the workplace
2. the requirements placed upon the individual and the organisation by current legislation relevant to supporting safe navigation within port areas, including that relation to the provision and use of work and lifting equipment
3. current industry guidance relevant to supporting safe navigation within port areas
4. own organisation's policies, procedures and working practices relevant to supporting safe navigation within port areas, including those for positioning mooring and laying buoys, maintaining clear channels and water areas and establishing water depths
5. the typical types of obstructions and **hazards** found within ports, and methods for dealing with them
6. how to interpret weather information and how different types of adverse weather can impact upon craft movements within port areas

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7. the importance and impact of the relevant legal requirements of the dredging licence and upon dredging operations
8. organisational requirements for dealing with reports of **hazards** and obstructions within navigable channels

Glossary

1. **Hazard:** something with potential to cause harm
2. **Risk:** a risk is the likelihood of the hazard's potential being realised