

NOS PSSPO106 Support safe navigation within port areas

Unit PSSPO106.1 Position moorings and lay buoys (SQA Unit Code-SQA Unit Code-H78A 04)

Performance Criteria

You must be able to

Position moorings and lay buoys

1. obtain all the equipment necessary for assembly, laying and retrieval operations and confirm that it is in good working order and safe to use
2. complete any pre-use test of the lifting equipment according to organisation procedures before leaving the shore
3. assemble moorings and buoys safely and within agreed timescales, ensuring that, as required, the mooring is of the right length, the sinker or anchor is of the correct weight, swivels are positioned in accordance with standard operating procedures and shackles are securely housed
4. identify the location and water depth where the moorings or buoys are to be positioned, and lay them properly in position
5. ensure that the handling of materials and equipment is undertaken with care to avoid undue wear and tear
6. refer any operational difficulties and defects in equipment to the relevant person
7. ensure that craft and other work areas are kept clean, tidy and free of obstructions
8. ensure that all required records are maintained and up to date

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 purpose and limitations of the components of mooring gear, including, buoys, swivels, anchors, chains, risers and sinkers
6. how to test and maintain mooring gear
7. how a craft's stability may be affected by lifting operations
8. the operation and limitations of the principal types of lifting and hauling gear used in ports
9. organisational requirements for addressing and reporting difficulties and faults in craft, gear and equipment

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10. organisational inspection regime for lifting equipment
11. the safe working limits of the equipment used in positioning moorings and laying buoys within own organisation

Glossary

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