NOS PSSPO105 Support vessel operations

Unit PSSPO105.1 Berth vessels(SQA Unit Code-H784 04)

Performance Criteria

You must be able to

Berth vessels

1. clear all moveable obstructions and potential **hazards** from the relevant area of the quay ahead of the vessel's arrival or departure
2. inform the relevant person of any obstructions or **hazards** that cannot be moved readily
3. identify and obtain the equipment required for berthing, and confirm that it is in good working order before commencing operations
4. identify where ancillary lighting is required and obtain this to ensure safe working
5. establish contact and agree berthing arrangements with all of those involved ahead of the operations
6. use berthing materials and equipment safely, berthing vessels in line with organisational procedures
7. take proper consideration of the prevailing weather and tidal conditions when berthing vessels
8. monitor all activities and the whereabouts of individuals within the vicinity of the berthing operations, and take immediate and appropriate actions to address dangerous situations
9. address any difficulties or incidents, reporting these as required
10. ensure that the quayside is left clean, tidy and free of obstructions upon completion of the berthing

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 vessel operations
3. current industry guidance relevant to supporting vessel operations
4. own organisation's policies, procedures and working practices relevant to supporting vessel operations
5. how tides and different types of adverse weather conditions can impact upon vessel movements within a port area
6. the importance of applying speed limits relating to berthing operations of larger vessels
7. the correct words and phrases used in describing vessels and their movements within a port area
8. the use of hand signals for heave, slack, stop and secure
9. how to dip ropes
10. the impact of motion and tidal range upon berthing larger vessels, where these apply within the port environment
11. workplace procedures for dealing with incidents and emergency situations

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12. the **hazards** associated with using access equipment on vessels and the importance of taking the necessary precautions to address these
13. the purpose and limitations of personal protective equipment (PPE) and life-saving gear for use on or near the water
14. how to apply the principal methods of communicating with vessels
15. the physical layout of your port area, relevant to own area of operations

Scope

1. **Personal Protective Equipment (PPE):** includes but is not limited to high visibility vests, hard hats, protective clothing, eye/hearing/respiratory protection, gloves
2. **Organisation's policies, procedures and working practices relevant to supporting vessel operation to include:** those for dealing with emergencies when berthing vessels and positioning access equipment and fuelling vessels

Glossary

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