

NOS PSSSPO103 Coordinate and control the use of port infrastructure

Unit PSSSPO103.2 Coordinate and control bridge operations (SQA Unit Code-H79T 04)

Performance Criteria

You must be able to

Coordinate and control bridge operations

1. obtain all information relevant to determining bridge operations, including details of vessel movements, the nature of loads, tide and weather conditions
2. establish and agree vessel movement requirements affecting bridge operations in discussion with relevant ship's agents and vessels
3. analyse the information correctly and determine a bridge operation plan
4. ensure that the quay area at the sides of the bridge, and the water area under the bridge, are clear of obstructions and hazards before a vessel passes through
5. confirm that bridge operating equipment is working correctly before a vessel is accepted to pass through
6. ensure clear and constant contact is maintained with the relevant person on the vessel ahead of and during its passage through the water crossed by the bridge
7. ensure clear instructions are provided to vessels approaching and passing through as to how to proceed and where they must go, and it is confirmed that these instructions are understood
8. ensure bridges are clear of all pedestrians, traffic and any obstructions before commencing movement of the bridge
9. ensure all equipment is operated safely and carefully, minimising the likelihood of damage to equipment and vessels

Knowledge and understanding

You need to know and understand

1. the legal responsibilities for maintaining own and others' health and safety in your workplace
2. the requirements placed upon the individual and the organisation by current legislation, directions and bye-laws
3. current industry guidance
4. own organisation's policies, procedures and working practices
5. the principle types of hazard and risk likely to encountered
6. the precautions appropriate for minimising risks
7. how to correctly wear, use and maintain personal protective equipment
8. how to locate, correctly use and maintain the principle types of safety and incident response equipment
9. the accident and emergency procedures of the organisation
10. location of and how to operate alarm systems
11. procedures for contacting the emergency services
12. location of the approved escape routes and assembly points

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13. the responsibilities as set out by the organisation for reporting accidents and emergencies
14. own role, responsibilities and limits of authority
15. the roles, responsibilities and limits of authority of others
16. the dimensions, limitations and maintenance requirements of: weighbridges, bridges and approach channels
17. the types, functions and adjustments of equipment, and regulations governing radio transmission in both normal and emergency situations, and also conditions likely to affect the transmission and reception of signals
18. local geography and water conditions, including navigable channels and tides, and their impact upon the passage of vessels

Additional Information

This standard is applicable to the coordination and control of bridge and weighbridge operations and links to the planning and coordination of routine maintenance of port plant and equipment and the coordination and control of locks.

The performance criteria, knowledge and understanding requirements are related to the individual's own organisation, job role and area of operations. This includes but is not limited to the individual's immediate place of work. It extends to areas, operations and persons that may be impacted upon by the individual's activity in the workplace.

The performance criteria, knowledge and understanding requirements are specific to the: regulations, industry and other guidance recognised by the individual's employer, employing organisation's objectives, policies, procedures, and working practices; that relate to the elements covered in this standard.

The performance criteria, knowledge and understanding requirements are specific to the individual's own level of authority and responsibility.

Ports and the activities which take place there vary. Employers and any other duty holders must comply with the legal duties imposed on them by health and safety legislation, including the Health and Safety at Work Act 1974. This will also involve careful and continuing risk assessments to enable duty holders to plan, implement, manage and review policies and procedures which address the risks associated with the conduct of their business. The statutory duty of the employee to take reasonable care for the health and safety of themselves and other persons who may be affected by their acts or omissions at work and to cooperate with the employer with regard to the employer's health and safety duties, are an essential part of this standard.