

NOS PSSPO103 Drive shore based vehicles

Unit PSSPO103.1 Drive shore-based tractor units (SQA Unit Code-H77W 04)

Performance Criteria

You must be able to

Drive shore-based tractor units

1. confirm that the tractor unit and any attachments according to own organisation's procedures are in a serviceable condition and safe to drive, performing all essential checks before beginning operations
2. fit attachments/trailers in line with organisation's instructions
3. deal with any difficulties or faults with the tractor unit and attachments
4. drive the tractor unit carefully and efficiently, within specified speed limits, ensuring that no damage occurs to the tractor unit, trailer and cargo
5. monitor and take into account other vehicles, individuals and the ground conditions within own vicinity, ensuring that safety is maintained at all times
6. identify the cargo to be handled and move it to the designated position safely, ensuring that it is secure before moving it
7. turn off the engine and apply the park brake when the tractor unit is parked
8. park trailers safely and only within designated spaces, and allowing sufficient space for appropriate associated manual operations
9. ensure that upon completion, tractor units and attachments are stored safely and securely, and in good condition
10. identify and report all faults in equipment and any damage to the responsible person

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 driving vehicles in own area of operations
3. current industry guidance relevant to driving vehicles in own area of operations
4. own organisation's policies, procedures and working practices relevant to driving vehicles in own area of operations including on and off vessels
5. the operating procedures, capabilities (including manoeuvring characteristics) and limitations of the types of vehicles within own area of operations
6. own organisation's pre-start checks, the correct procedures for checking lubricants and other fluids and why it is important to report any faults and defects prior to commencing operations
7. own organisational procedures for reporting and documenting vehicle faults, tests and checks
8. the implications of operating a vehicle that is unsafe or that has been serviced poorly
9. the preparation and operational requirements of haulage vehicles
10. the characteristics of trailers and their cargo when being moved

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11. the factors that can affect the stability and security of cargo when it is being transferred, and how these can be affected by environmental conditions
12. the principal characteristics of the main types of cargo, including their nature, weight and associated hazards
13. safe manual handling, and lifting techniques, the kinetics involved, and the importance of using these techniques properly
14. the physical layout of the port area, relevant to own area of operations
15. how changes in environmental conditions can affect loading and discharge operations
16. how to identify and operate the principal controls within vehicles
17. how exhaust fumes can accumulate the dangers that they pose, and the precautions to take in addressing the dangers posed
18. the speed limits specified for equipment operating within the port environment and the importance of operating within these speed limits