

Unit PSSPO101-2 Secure cargo(SQA Unit Code-H77F 04)

Performance Criteria

You must be able to

Secure cargo

1. ensure that cargo is stable prior to it being secured
2. identify, assess and use lashing / securing points of adequate strength for the forces to be applied when securing the cargo
3. secure cargo efficiently, using the appropriate securing devices and equipment, with all securing devices positioned and tensioned both safely, taking into account its type, weight and dimensions, customer requirements and the prevailing weather conditions
4. check and brace cargo
5. see where customer requirements differ from own assessment of the lashing/securing points required, and secure cargo according to instructions from own supervisor
6. secure cargo using methods within own level of responsibility
7. report any difficulties in securing cargo to the responsible person
8. monitor the activities and whereabouts of individuals within the vicinity of the securing operations, and take immediate and appropriate actions to address dangerous situations

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 cargo handling** in own area of operations
3. current industry guidance **relevant to cargo handling** in own area of operations
4. own organisation's policies, procedures and working practices relevant to cargo handling
5. the operating procedures, capabilities (including manoeuvring characteristics) and limitations of the types of equipment within own area of operations
6. why it is important to report any faults/defects prior to commencing operations
7. the organisational procedures for reporting and documenting equipment faults, tests and checks
8. the implications of operating equipment that is unsafe or that has been serviced poorly
9. the principal characteristics of the main types of cargo, and the associated **hazards**
10. the classes of dangerous goods under and the relevant marking current regulations/code(s)
11. the factors that can affect the stability and security of cargo when it is in transit, including the effects of environmental conditions
12. the methods for protecting, securing and un-securing cargo, and the appropriate types of materials and securing equipment
13. the principal methods and systems used to lash different types of cargo, and how to assess and select appropriate lashing points for different types of cargo
14. how to tension lash materials, and the implications of not doing this

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15. the appropriate use of knots when securing cargo to ensure safe and adequate tension
16. the principles of chocking and tomming, and the correct use of relevant tools and equipment
17. the different types of **hazards** associated with securing cargo
18. own levels of responsibility and capability, and the persons to refer if these are exceeded

Scope

Requirements relevant to cargo handling should include: dry and liquid bulk, cargo transport unit, roll-on/roll-off

Glossary

Hazard: something with potential to cause harm

Risk: a risk is the likelihood of the hazard's potential being realised