



Australian Government

MARF004 Meet work health and safety requirements

Release: 1

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Modification History

Release 1. New unit of competency.

Application

This unit involves the skills and knowledge required to follow defined work health and safety (WHS)/occupational health and safety (OHS) policies and procedures relating to the work being undertaken in order to ensure own safety and that of others on board a vessel.

This unit applies to deck and engine workers working in the maritime industry on vessels up to 80 metres. They could be working independently or as part of a vessel crew.

This unit has links to legislative and certification requirements.

Pre-requisite Unit

Not applicable.

Competency Field

F – Operational Quality and Safety

Unit Sector

Not applicable.

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Recognise safety management system requirements

- 1.1 WHS/OHS responsibilities and duties are identified and accountability processes are outlined
- 1.2 WHS/OHS policies and procedures are accessed and reviewed, and clarification is sought where necessary
- 1.3 Implications of changes to the safety management system (SMS) are identified and addressed
- 1.4 Records are accurately completed

- 2 Work safely**
 - 2.1 Established safety procedures are followed when conducting work
 - 2.2 Work for which personal protective clothing and/or equipment is required is identified,
 - 2.3 Personal protective clothing and/or equipment is used, maintained and stored according to workplace procedures
 - 2.4 Safety checks on all equipment and machinery are undertaken before operation according to workplace procedures
 - 2.5 Hazardous chemicals are identified and handled according to workplace procedures
 - 2.6 Safe manual handling techniques are used when conducting work
 - 2.7 Worker/employee responsibilities prescribed in WHS/OHS legislation are recognised and carried out
- 3 Follow workplace procedures for hazard identification, risk assessment and risk control**
 - 3.1 Hazards in the workplace are recognised and reported to designated personnel according to workplace procedures
 - 3.2 Assessment of risks associated with identified hazards is made according to workplace procedures
 - 3.3 Workplace procedures and work instructions for controlling risks are followed
 - 3.4 Risks to fellow workers and other people are recognised and action is taken to eliminate or reduce them
- 4 Participate effectively in WHS/OHS consultation processes**
 - 4.1 WHS/OHS issues are raised with designated personnel according to workplace procedures
 - 4.2 Contributions are made to workplace meetings, inspections and other WHS/OHS activities
 - 4.3 Ideas are provided to control the level of risk associated with work tasks
- 5 Follow emergency procedures**
 - 5.1 Emergency incidents are identified and reported
 - 5.2 Emergency procedures are followed in responding to emergency incidents
 - 5.3 Emergency equipment is used in responding to emergency

incidents

- 5.4 Appropriate personnel are notified according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Safety procedures must include:

- instructions on how a workplace activity should be carried out, by whom and when include:
 - accident and incident reporting
 - electrical safety
 - emergency procedures
 - health and hygiene
 - isolation
 - manual handling
 - noise and vibration
 - permit to work
 - plant and equipment
 - rescue procedures
 - use and storage of hazardous substances
 - use of personal protective equipment
 - use of safety and flotation devices
 - vessel housekeeping
 - work in rough weather
 - working with the elements

Personal protective clothing and equipment include one or more of the following:

- aprons
- breathing apparatus
- eye protectors
- gloves
- harnesses
- hats
- hearing protectors
- helmets
- overalls
- personal flotation devices
- personal locator beacons
- safety lines
- shoes
- spats

- Hazardous chemicals include one or more of the following:
- battery acid
 - cleaning fluids
 - fuel
 - gas
 - oils and lubricants
 - paint
 - thinners
- Safe manual handling techniques include one or more of the following:
- bending
 - lifting
 - loading materials
 - moving
 - pulling
 - pushing
 - repetitive tasks
 - storing materials at heights
 - up-ending materials
- Worker/employee responsibilities include one or more of the following:
- accepting responsibility for protection of health and safety of others through avoidance of personal action that will put others at risk
 - cooperating with employer/supervisor in any action taken to comply with WHS/OHS legislation
 - taking reasonable care for own health and safety
- Hazards include one or more of the following:
- contact with chemicals and hazardous substances
 - contaminants
 - contact with electricity
 - contact with plant and marine life
 - dangerous organisms
 - equipment operation and maintenance
 - falls, trips and slips
 - exposure to heat, cold and water
 - hitting or being hit by stationary or moving objects
 - immersion in water without a personal flotation device (PFD)
 - ladders
 - manual handling
 - noise
 - poor housekeeping and lack of deck space
 - repetitive movements and awkward postures
 - smoking and alcohol
 - unventilated holds
 - weather and water conditions
 - working in confined spaces
 - working with inappropriate clothing

- Designated personnel include one or more of the following:
- working with knives
 - master of the vessel
 - supervisors, managers and team leaders
 - workplace WHS/OHS personnel
 - other persons authorised or nominated by the workplace to perform, approve, inspect or direct specified work
- Emergency incidents include one or more of the following:
- beaching with and without heavy surf
 - chemical spills
 - collisions
 - disabled vessel
 - electrocution
 - falling or being dragged overboard
 - fire
 - flood
 - grounding
 - hull damage
 - immersion in water
 - injuries associated with dangerous organisms (such as bites, stings, poisoning)
 - injuries associated with machines, vehicles, vessels, diving
 - loss of rudder
 - lost or fouled propeller
 - rescue activities
 - rough weather and heavy seas
 - vessel capsize

Unit Mapping Information

This is a new unit. This unit is equivalent to MARF1005A Meet work health and safety requirements.

Links

to MAR Maritime Training Package Companion Volume Implementation Guide at: - <http://tlisc.org.au/training-packages/maritime-training/>