



Australian Government

MARF029 Meet work health and safety requirements

Release: 2

MARF029 Meet work health and safety requirements

Modification History

Release 2. This is the second release of this unit of competency in the MAR Maritime Training Package.

- Minor statement changes in unit Application
- Minor clarification changes in Performance Evidence
- Minor clarification changes in Knowledge Evidence
- Minor statement changes in Assessment Conditions.

Release 1. New unit of competency. Licensing/regulatory information has been incorporated in accordance with Regulatory requirements. Assessment Requirements have been strengthened in accordance with Regulatory requirements.

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 to ensure the safety of self, others on board and the vessel.

This unit applies to people working in the maritime industry in a deck and or engine room capacity on vessels up to 100 meters and with propulsion power up to 3000 kW in waters to the outer limits of the exclusive economic zone (EEZ). They could be working independently or as part of a vessel crew.

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit.

This unit is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as a General Purpose Hand NC, Coxswain Grade 2 NC, Coxswain Grade 1 NC, Marine Engine Driver Grade 3 NC, Master Inland Waters, Master up to 24 m NC, Marine Engine Driver Grade 2 NC, Master up to 45 m NC and Marine Engine Driver Grade 1 NC as specified in Marine Order 505.

Seafarers seeking certification should check with AMSA.

Pre-requisite Unit

Not Applicable.

Competency Field

F – Operational Quality and Safety

Unit Sector

Not Applicable.

Elements and Performance Criteria

ELEMENTS

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 equipment (PPE) is required is identified

2.3 PPE 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 or employee responsibilities prescribed in WHS/OHS legislation are recognised and carried out

3 Follow workplace procedures for hazard identification, risk assessment and risk

3.1 Hazards in the workplace are recognised and reported to designated personnel according to workplace procedures

control

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| | 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

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

Range of Conditions

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

Unit Mapping Information

This unit replaces and is equivalent to MARF004 Meet work health and safety requirements.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>

Assessment Requirements for MARF029 Meet work health and safety requirements

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- accessing workplace information on:
 - safety management systems (SMS)
 - work health and safety (WHS)/occupational health and safety (OHS) policies and procedures
- applying problem solving skills to investigate and identify causes of WHS/OHS incidents
- applying safe manual handling techniques
- cooperating with employer or supervisor on any reasonable instruction to comply with WHS/OHS legislation
- demonstrating safe work practices
- identifying and responding to typical emergency situations
- identifying isolation points for equipment and following workplace procedures for lock out or tag out of equipment as required
- identifying WHS/OHS hazards related to work responsibilities and taking required actions to eliminate or control hazards
- maintaining housekeeping standards in work area
- reporting WHS/OHS information according to workplace procedures
- selecting, fitting and using appropriate personal protective equipment (PPE)
- taking reasonable care for own health and safety
- using consultation processes to consult others on WHS/OHS issues.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- actions to be taken in the event of emergencies, including:
 - chemical spills
 - collisions
 - disabled vessel
 - electrocution
 - falling or being dragged overboard
 - fire
 - grounding
 - hull damage
 - incapacitation of master
 - injuries associated with dangerous organisms (such as bites, stings and poisoning)
 - injuries associated with machines, vehicles, vessels and diving
 - loss of rudder
 - lost or fouled propeller
 - rescue activities
 - rough weather and heavy seas
 - vessel capsize
 - water ingress
- application of concepts relating to hazard identification, risk assessment and control options
- communication systems and consultation arrangements
- designated personnel and their role, including:
 - 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
- difference between hazards (source of potential harm) and risks (chance of something occurring that will result in injury or damage)
- disposition/placement of persons/passengers on board to ensure satisfactory stability and trim
- emergency and evacuation procedures
- emergency incidents, including:
 - general safety duties relating to domestic vessels under the Marine Safety (Domestic Commercial Vessel) National Law Act 2012
- hazardous chemicals, including:
 - battery acid
 - cleaning fluids
 - fuel

- gas
- oils and lubricants
- paint
- thinners
- identifying confined spaces and procedures and legislative requirements for working in confined spaces
- impact of housekeeping on safety
- location of advice on WHS/OHS issues, including documents such as procedures and safety data sheets (SDS)/material safety data sheets (MSDS)
- obligations and safety duties/duty of care towards all persons on board domestic commercial vessels
- procedures and responsibilities for investigating WHS/OHS incidents and assessing risk
- purpose and procedure for collecting and reporting WHS/OHS information
- safe work procedures relating to work responsibilities, including:
 - accident and incident reporting
 - electrical safety
 - emergency procedures
 - fatigue management
 - health and hygiene
 - isolation
 - manual handling
 - noise and vibration
 - permits to work
 - plant and equipment
 - rescue procedures
 - SDS/MSDS
 - use and storage of hazardous substances
 - vessel housekeeping
 - work in rough weather
 - working with the elements
- SMS
- steps to be taken after collision, grounding or other marine casualty and resulting hull damage
- storage requirements for hazardous goods used in work area
- typical hazards related to work responsibilities, including:
 - contact with chemicals and hazardous substances
 - contact with electricity
 - contact with plant and marine life
 - dangerous organisms
 - equipment operation and maintenance
 - exposure to heat, cold and water

- falls, trips and slips
- fatigue
- 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
- unventilated holds
- weather and water conditions
- working in confined spaces
- working with inappropriate clothing
- working with knives
- use, care and storage of PPE
- use of distress signals and penalty for misuse
- WHS/OHS legislation, regulations, codes of practice and organisational policies and procedures associated with work responsibilities.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Practical assessment must occur in a workplace, or realistic simulated workplace, under the normal range of workplace conditions.

Simulations and scenarios may be used where situations cannot be provided in the workplace or may occur only rarely, in particular for situations relating to emergency procedures and adverse weather conditions where assessment would be unsafe, impractical or may lead to environmental damage.

Resources for assessment must include access to:

- applicable documentation, such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- a vessel greater than or equal to 5.0 metres in length
- tools, equipment, machinery, materials and relevant PPE currently used in industry.

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