

Title	Develop and manage a risk management plan for a complex project in the marine or composite industry		
Level	6	Credits	20

Purpose	People credited with this unit standard are develop a health and safety plan, develop environmental documentation, and manage health and safety plan for a complex project in the marine or composite industry.
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Classification	Boating Industries > Boatbuilding
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Available grade	Achieved
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Guidance Information

- 1 The health and safety plan is for the promotion, enhancement, and maintenance of health and safety specific to the company, employer, tradespeople, and their activities for the project. It includes PCBU primary duty of care (section 36 HSWA), other duty holders under HSWA, as is reasonably practicable (section 22 HSWA), and approved codes of practice (section 22 HSWA).
- 2 Complex project requirements will be relevant to the company and must address all company policies, these include: compliance with local body legislation and government environmental legislation, industry standards, provision of safety information, development of safety procedures, reporting systems, injury prevention, hazard register, first aid, responsibilities of project team members, emergency procedures, compliance and enforcement, evaluation of safety, environmental monitoring.
- 3 **Definition**
Complex project refers to a set of multiple tasks made up of marine or composite activities, processes, or multi-step tasks that have to be completed over a set period of time. These tasks may include fuel system installation, interior fit-out, filling and fairing including painting, installation of electrical and electronic system, producing a new mould from a design, or engine room fit-out.
Workplace policies and procedures refers to the documented procedures and policies providing guidelines of the tasks and activities carried out in the workplace. This typically includes relevant health and safety policies to eliminate hazard/risk in the workplace.

Outcomes and performance criteria

Outcome 1

Develop a health and safety plan for a complex project.

Performance criteria

- 1.1 Health and safety documentation is researched to determine the complex project requirements.
- 1.2 Legislation and specific information for the health and safety requirements for a complex project is documented.
- 1.3 Health and safety plan is developed in relation to complex project.
- 1.4 Recommended actions and costs are determined from the evaluation and are documented in accordance with complex project requirements.

Outcome 2

Develop environmental documentation for a complex project.

Range documentation includes – compliance with local body legislation, government environmental legislation, compliance practices, industry standards, reporting systems.

Performance criteria

- 2.1 Environmental documentation is researched to determine the complex project requirements.
- 2.2 Legislation and specific information for the environmental requirements for a complex project is documented.
- 2.3 Potential environmental hazards that would impact the project are identified, mitigated and documented in accordance with company and legislative requirements.

Range examples of hazards include – air pollution, fresh water protection, marine pollution, human waste disposal, antifouling restrictions, movement of organisms between oceans.
- 2.4 Environmental management plan is developed to meet legislation and complex project requirements.

Outcome 3

Manage the developed plans for a complex project in the marine or composite industry.

Performance criteria

- 3.1 Developed plans are communicated and coordinated to the project team.
- 3.2 Any non-conformance to the developed plans is identified, documented, and corrected in accordance with company policies and procedures.

Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 April 2017	N/A

Consent and Moderation Requirements (CMR) reference	0136
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the NZ Marine and Composites Industry Training Organisation training@nzmarine.com if you wish to suggest changes to the content of this unit standard.