

Title	Operate simple mechanical plant or equipment used in the marine or composite industry		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to prepare to operate, and operate simple mechanical plant or equipment used 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 All required equipment and plant must be set up, started up, operated, and shut down in accordance with workplace policies and procedures.
- 2 All work practices must meet recognised codes of practice and documented worksite health and safety procedures (where these exceed code) for personal, product, and worksite health and safety, and must meet the obligations required under the Health and Safety at Work Act 2015, Resource Management Act 1991, and subsequent amendments.
- 3 Definitions
Job specifications refer to the standard requirements of the job being undertaken.
Workplace policies and procedures refer to the documented procedures and policies for providing guidelines of the tasks and activities carried out in the workplace. This typically includes relevant health and safety requirements to manage risk in the workplace.
- 4 Range
 Mechanical plant or equipment may include but not limited to – drum sander, bench sander, veneer hot presses, surface planer, section and plate rollers, pipe bender, drill press, dust extractor, weaving equipment, sailcloth laminating equipment, fibre laying machine, cutting machine, tensile testing equipment, sewing machine, gantry.

Outcomes and performance criteria

Outcome 1

Prepare to operate simple mechanical plant or equipment in the marine or composite industry.

Performance criteria

- 1.1 The process and sequence of operation are identified in accordance with job specifications and workplace policies and procedures.
- 1.2 Mechanical plant is prepared for operation in accordance with workplace policies and procedures.

Outcome 2

Operate simple mechanical plant or equipment in the marine or composite industry.

Range evidence of four processes is required.

Performance criteria

- 2.1 Raw material is identified, inspected, and loaded in accordance with job specifications and workplace policies and procedures.
- 2.2 Production processes are carried out in accordance with job specifications and workplace policies and procedures.
- 2.3 Finished product is inspected and stored or dispatched in accordance with workplace policies and procedures.

Replacement information	This unit standard and unit standard 29236 replaced unit standard 18160.
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Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 October 2015	31 December 2020
Review	2	27 September 2018	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 Composite ITO training@nzmarine.com if you wish to suggest changes to the content of this unit standard.