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| Title | Describe adhesives used in a marine or composites workplace | | |
| Level | 3 | Credits | 5 |

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| Purpose | People credited with this unit standard are able to: describe adhesive types or systems used in a marine or composites workplace; and describe surface preparation procedures and adhesive application methods. |
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| Classification | Boating Industries > Boatbuilding |
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| Available grade | Achieved |
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Guidance Information

- 1 Assessment information
Range
Adhesive types or systems may include – epoxy, contact, polyurethanes, urea formaldehyde, methacrylate, resorcinol, PVA (polyvinyl acetate).
- 2 Definition
Manufacturers' specifications refer to technical information of a boat or product detailing: operation, installation and servicing procedures; technical terms and descriptions; and illustrations. Manufacturer specifications must be followed to ensure compliance with manufacturer warranty, safe operation, and operation that meets manufacturer performance claims.

Outcomes and performance criteria

Outcome 1

Describe adhesive types or systems used in a marine or composite workplace.

Range evidence of three adhesive types or systems is required.

Performance criteria

- 1.1 Adhesive types or systems are described in terms of their properties and compositions in accordance with the material safety data sheet.
- 1.2 Adhesive types or systems are described in terms of their uses in a marine or composite environment.

Outcome 2

Describe surface preparation and adhesive application methods.

Range evidence of two adhesive types or systems is required.

Performance criteria

- 2.1 Surface preparation is described in terms of substrate type used.
- 2.2 Surface preparation procedures are described in terms of the adhesive type or systems manufacturer specifications.
- 2.3 Methods of applying adhesive are described in accordance with manufacturer specifications.

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| Replacement information | This unit standard and unit standard 25117 replaced unit standard 18168. |
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| Planned review date | 31 December 2030 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|------------------|--------------------------|
| Registration | 1 | 21 November 2008 | 31 December 2017 |
| Revision | 2 | 20 August 2010 | 31 December 2017 |
| Review | 3 | 8 December 2016 | 31 December 2020 |
| Review | 4 | 1 November 2018 | 31 December 2027 |
| Review | 5 | 26 June 2025 | N/A |

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| 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 Hanga-Aro-Rau Engineering, Manufacturing and Logistics Workforce Development Council at qualifications@hangaarorau.nz if you wish to suggest changes to this unit standard.