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| Title | Demonstrate and apply knowledge of snowsport equipment and workshop tools to maintain snowsport equipment | | |
| Level | 3 | Credits | 12 |

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| Purpose | People credited with this unit standard are able to: demonstrate knowledge of snowsport equipment, workshop tools and machinery; operate and maintain workshop tools and machinery; and undertake basic workshop servicing of snowsport equipment. |
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| Classification | Snowsport > Snowsport Equipment |
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| Available grade | Achieved |
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Guidance Information

- 1 All learning and assessment against this standard must be carried out in accordance with the following:
 - relevant legislation including the Health and Safety at Work Act 2015, Accident Compensation Act 2001, Fair Trading Act 1986, Consumer Guarantees Act 1993, Privacy Act 2020, Human Rights Act 1993, and the Hazardous Substances and New Organisms Act 1996 and subsequent amendments and associated regulations;
 - organisational policies and procedures including Emergency Action Plans (EAPs), Standard Operating Procedures (SOPs), and the use of personal protective equipment (PPE).
- 2 Definitions

DIN (Deutsches Institut fur Norming) is defined as an international standard for binding manufacture standards and settings.

Organisational policies and procedures are instructions to staff that may be documented and available for reference at each alpine resort or organisation in the form of an operations manual and/or policy and procedures manual.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of snowsport equipment, workshop tools and machinery.

Performance criteria

- 1.1 Identify and describe workshop tools and machinery in terms of their purpose and use for tuning, repairs and maintenance of snowsport equipment.

- 1.2 Describe materials used in the manufacture of skis and snowboards.
- 1.3 Describe construction method and shape of a specific ski or snowboard in regard to function.

Outcome 2

Operate and maintain workshop tools and machinery.

Performance criteria

- 2.1 Set up, adjust and operate workshop tools and machinery according to manufacturers' specifications, operating instructions, relevant health and safety legislation and organisational policies and procedures.
- 2.2 Apply organisational procedures for maintenance checks of workshop tools and equipment and complete daily maintenance under supervision.

Outcome 3

Undertake basic workshop servicing of snowsport equipment.

Performance criteria

- 3.1 Complete basic tuning of skis and snowboards to meet customer and organisational requirements.
- Range base repair and p-tex, base grind, edge sharpen, wax.
- 3.2 Identify damage to snowsport equipment and describe options to customer.
- 3.3 Complete cleaning, deburring and waxing skis or snowboards and explain procedures and reasons for these.
- 3.4 Inspect ski binding release mechanism system and safety features and adjust to ensure that boot and bindings function according to DIN standards.
- 3.5 Inspect snowboard binding system and adjust to ensure that boot and bindings function according to manufacturers' specifications.
- 3.6 Check boots for wear and provide advice to customer or complete any required maintenance according to organisational policy.
- 3.7 Complete maintenance and servicing records.

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| Planned review date | 31 December 2025 |
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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 | 31 December 2022 |
| Review | 2 | 25 February 2021 | N/A |

Consent and Moderation Requirements (CMR) reference

0099

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Skills Active Aotearoa info@skillsactive.or.nz if you wish to suggest changes to the content of this unit standard.