

<b>Title</b>	<b>Perform complex tuning, repairs and maintenance of high performance and expert level snowsport equipment</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>20</b>

<b>Purpose</b>	People credited with this unit standard are able to apply advanced knowledge to: tune high performance and expert level snowsport skis and snowboards; and complete complex repairs and maintenance on high performance and expert level snowsport equipment.
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<b>Classification</b>	Snowsport > Snowsport Equipment
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<b>Available grade</b>	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 Definition  
*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.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate advanced knowledge to tune high performance and expert level snowsport skis and snowboards.

### Performance criteria

- 1.1 Discuss construction and performance characteristics of high performance and expert level snowsport equipment and their differences.

- 1.2 Complete tuning of high performance and expert skis and snowboards, taking into account snow conditions, customer preferences and planned activity.
- 1.3 Tune skis or snowboards by hand or machine to match customer skiing or snowboarding skills and requirements.
- 1.4 Use belt and stone grinders appropriately and explain associated differences in base surface structure.

## Outcome 2

Apply advanced knowledge to complete complex repairs and maintenance on high performance and expert level snowsport equipment.

### Performance criteria

- 2.1 Identify damage to high performance and expert level snowsport equipment, analyse repair needs, identify options and communicate these to the customer.
- 2.2 Describe the conditions of manufacturers' warranties and organisational policy on repairs clearly to the customer and make recommendations regarding repair options.
- 2.3 Complete repairs and maintenance on high performance and expert level snowsport equipment according to customer preferences, manufacturers' specifications, and organisational policies and procedures.
- 2.4 Complete maintenance and servicing records.

<b>Planned review date</b>	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

<b>Consent and Moderation Requirements (CMR) reference</b>	0099
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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 Skills Active Aotearoa [info@skillsactive.or.nz](mailto:info@skillsactive.or.nz) if you wish to suggest changes to the content of this unit standard.