

<b>Title</b>	<b>Undertake complex shell analysis and boot customisation to fit snowsport boots to meet customer needs</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 undertake complex shell analysis and boot customisation to fit snowsport boots to meet customer needs.
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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

Undertake complex shell analysis and boot customisation to fit snowsport boots to meet customer needs.

#### Performance criteria

- 1.1 Perform shell analysis of ski or snowboard boots for correct size and check on the customer's foot to ascertain potential fit issues and share current information and technologies for bootfitting with customer.
- 1.2 Describe the options and advantages of customised footbeds.

- 1.3 Make customised footbed to improve the fit.
- 1.4 Insert customised wedging and/or padding, as required, in boot inners to realign the foot position in the boot.
- Range heel wedges, insoles, side pads, instep pads, toe pads.
- 1.5 Modify the shell of the boot by expanding or grinding to improve the fit.
- 1.6 Customise and mould the liner of the boot to improve the fit.
- 1.7 Describe the advantages and disadvantages of foaming boots and heat moulded liners in terms of their fit for various foot shapes.

<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.