
SNOWSPORT AREA OPERATIONS

Operate a snowmobile

level:	3
credit:	3
planned review date:	June 2009
sub-field:	Snowsport
purpose:	<p>People credited with this unit standard are able to complete a routine maintenance check for a snowmobile, and operate a snowmobile in a variety of snow conditions and terrain and in accordance with snowsport area policy.</p> <p>This unit standard may be of interest to people working at a snowsport area, for example, patrol or lift operators.</p>
entry information:	Open.
accreditation option:	Evaluation of documentation and visit by NZQA and industry.
moderation option:	A centrally established and directed national moderation system has been set up by Sport, Fitness and Recreation Industry Training Organisation.
special notes:	<ol style="list-style-type: none">1 All activities must comply with the policies, procedures, and requirements of the enterprises involved and any relevant environmental, legislative and/or regulatory requirements which include but are not limited to the Health and Safety in Employment Act 1992 (HSE), Injury Prevention, Rehabilitation, and Compensation Act 2001, and their subsequent amendments and associated regulations.2 <i>Company or snowsport area policy and procedures</i> are instructions to staff that may be documented and available for reference at each snowsport area in the form of an operations manual.3 There are minimum assessor requirements for assessment against this unit standard. The details of these requirements are available on the Sfrito website http://www.sfrito.org.nz/.

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Elements and Performance Criteria

element 1

Complete a routine maintenance check for a snowmobile.

performance criteria

- 1.1 Fuel and oil are checked and topped up if required, prior to use.
- 1.2 Brake function is checked for wear, adequate braking power, and responsiveness, and any deficiencies communicated to the mechanic.

Range: park brake, running brakes.
- 1.3 Lights are checked to ensure they are working, and any deficiencies are communicated to the mechanic.

Range: high and low beam on headlight, running and braking tail-lights.
- 1.4 The throttle and clutch are checked for working order, and any problems communicated to the mechanic.
- 1.5 Track tension and alignment, and ski alignment and steering are checked prior to use, and monitored during use of snowmobile.
- 1.6 A pre-check and maintenance log is completed in according to snowsport area operational requirements.
- 1.7 Mechanical problems identified during operation of snowmobile are communicated promptly to the mechanic.

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element 2

Operate a snowmobile in a variety of snow conditions and terrain and in accordance with snowsport area policy.

Range: snow conditions may include but are not limited to – hard-packed snow, soft snow, icy snow, packed powder;
terrain may include but is not limited to – intermediate, advanced terrain, off-piste.

performance criteria

2.1 Safe snowmobile operating practices are adhered to at all times.

Range: safe practice may include but is not limited to – head protection, passenger limits, towing, use of warning signals.

2.2 Snowmobile is operated according to manufacturer's instructions and snowsport area requirements.

Range: starting, warming-up, moving out, riding, braking, stopping, parking, correct fuel type.

2.3 Speed is controlled at all times, and areas of high slope usage travelled through with caution.

Range: may include but is not limited to – application of brakes, braking chains, engine braking.

2.4 Riding techniques are selected for the conditions and terrain, with braking and acceleration completed smoothly.

Range: riding position, uphill, downhill, crossing a slope, turning.

2.5 A snowmobile route is selected taking into account the operating features of the machine, slope users, and environmental conditions according to snowsport area requirements.

Range: surface snow conditions, terrain, slope, visibility.

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Comments on this unit standard

Please contact the Sport, Fitness and Recreation Industry Training Organisation info@sfrito.org.nz if you wish to suggest changes to the content of this unit standard.

Please Note

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0050 which can be accessed at <http://www.nzqa.govt.nz/site/framework/search.html>.