
SNOWSPORT AREA OPERATIONS
De-ice at a snowsport area

level:	3
credit:	8
planned review date:	June 2009
sub-field:	Snowsport
purpose:	People credited with this unit standard are able to: demonstrate knowledge of the objectives of de-icing and safe operating procedures; demonstrate personal safety practices and use of safety equipment for de-icing at a snowsport area; and remove ice and rime from a snowsport area structure and/or lift and its components.
entry information:	Prerequisites: Unit 4573, <i>Communicate in the outdoors using two-way radio</i> ; Unit 18100, <i>Demonstrate knowledge of safety, accident and emergency procedures for a snowsport area</i> ; and Unit 18102, <i>Work on a tower at a snowsport area</i> ; or demonstrate equivalent knowledge and skills.
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:	1 Range: chairlift or T-bar.

SNOWSPORT AREA OPERATIONS

De-ice at a snowsport area

- 2 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. Industry standards for technical mountaineering safety equipment are those specified by the national mountaineering associations; and industry standards for aerial and surface ropeways are specified in the *Approved Code of Practice for Passenger Ropeways in New Zealand* published by Occupational Safety and Health Service, 1999; and carried out as required under the Health and Safety in Employment (Pressure Equipment, Cranes and Passenger Ropeways) Regulations 1999, *Prevention of Falls Guidelines* published by Occupational Safety and Health Service, 2000, and its subsequent amendments.
- 3 *Company or snowsport area policy and procedures* are instructions to staff that may be documented and available for reference at each snowsport area in the form of an operations manual.
- 4 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/>.

SNOWSPORT AREA OPERATIONS

De-ice at a snowsport area

Elements and Performance Criteria

element 1

Demonstrate knowledge of the objectives of de-icing and safe operating procedures.

performance criteria

1.1 Hazards involved with de-icing and safe operating procedures to avoid damage to equipment and personal injury, are described in accordance with snowsport area policy.

Range: ice fall, cable whip, movement of cable and bullwheel, loose equipment, ice slide down cable, accidental starts, attachment points.

1.2 An overview of the objectives for de-icing a snowsport area lift is given according to snowsport area policy.

element 2

Demonstrate personal safety practices and use of safety equipment for de-icing at a snowsport area.

performance criteria

2.1 De-icing equipment is described in relation to its use and care, and is checked for safe working order.

Range: harness, helmet, lanyards with karabiners, safety ropes, radio.

2.2 Harness and helmet are fitted according to manufacturers' recommendations and industry standards.

2.3 Use of safety equipment is logged according to industry standards.

2.4 During de-icing operations communications are maintained with supervisor, and/or lift operation personnel, and/or other workers, using two-way radio, and practice complies with company procedures.

SNOWSPORT AREA OPERATIONS

De-ice at a snowsport area

- 2.5 Steps provide secure footing for climbing, descending, or traversing a snow slope or structures on a snowsport area.

element 3

Remove ice and rime from a snowsport area structure and/or lift and its components.

performance criteria

- 3.1 De-icing is completed to company or snowsport area priorities.
- 3.2 Lift is locked out according to snowsport area procedures.
- 3.3 Anchors and rope are set up to provide security for self.
- Range: attachment methods, attachment points, lanyard length, suitable anchors.
- 3.4 Structures are cleared of ice and rime avoiding damage to components and/or equipment, and avoiding injury to self and others.
- Range: ladders, chairs, grips, towers, cables, sheave assemblies, haulage cable and bullwheel, moving parts.
- 3.5 Lift is re-started using snowsport area operational checks to ensure de-icing has been completed.
- Range: visual inspection, slow first run of lift, maintaining communication at all times.

Comments on this unit standard

Please contact the Sport, Fitness and Recreation Industry Training Organisation info@srito.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.

SNOWSPORT AREA OPERATIONS
De-ice at a snowsport area

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>.