

National Certificate in Snowsport – Snowgrooming (Level 3)

This qualification recognises the skills and knowledge required by personnel working as a Snowgroomer Driver and Snowmaker at a snowsport area or in a mountain environment. The core compulsory section allows for recognition of essential health and safety, first aid, communication, avalanche awareness and teamwork skills during day and night operations. Holders of the Snowgrooming strand have demonstrated the safe operation of a snowgroomer to groom snow in a range of snow and weather conditions. They have also demonstrated competence in conducting a periodic maintenance check on a snow groomer. Holders of the Snowmaking strand have demonstrated knowledge of weather information for snowmaking and can operate snowmaking equipment to make and optimise snow production. The Core Elective allows for recognition of the ability to ski or snowboard to a beginner level to ensure that holders of this qualification have knowledge of the slopes and the product they help to create and maintain. The Strand Elective sections allow for the further development of skills in snowsport area operations, assessment of learning, skiing or snowboarding, health and safety, maintenance or avalanche rescue techniques.

This qualification will be awarded to people credited with the compulsory unit standards, a minimum of 4 credits from Elective List A and a minimum of 8 credits from Elective List B.

Core Compulsory			
Unit No	Title	Level	Credit
4573	Communicate in the outdoors using two-way radio	2	1
6400	Manage first aid in emergency situations	3	2
6401	Provide first aid	2	1
6402	Provide resuscitation level 2	1	1
9681	Participate in groups and/or teams to make decisions	3	3
18100	Demonstrate knowledge of safety, accident, and emergency procedures for a snowsport area	3	3
18134	Demonstrate knowledge of avalanche phenomena	3	2
Total of 13 credits			

Snowgrooming Compulsory			
Unit No	Title	Level	Credit
2322	Carry out a periodic maintenance check on heavy vehicles and/or equipment	3	2
5624	Groom snow at a mountain area with a snowgroomer	3	20

Elective A Complete a minimum of 4 credits from the following domain:	
Sub-field	Domain
Snowsport	Skiing and Snowboarding

Elective B Complete a further 8 credits at level 3 or above from the following unit standards or domain			
Sub-field		Domain	
Snowsport		Skiing and Snowboarding	
Unit No	Title	Level	Credit
424	Respond to an emergency care situation for an outdoor activity	3	5
4098	Use standards to assess candidate performance	4	5
4586	Operate a snowmobile	3	3
8638	Drive on snow and/or ice	3	3
16703 >	Demonstrate knowledge and skills for driving on a road for endorsement T (tracks)	3	3
18101	Groom snow for an event	4	15

18129	Demonstrate knowledge of snow formation, snowpack structure and snow metamorphism	3	3
18136	Demonstrate own party avalanche rescue	3	2
20160	Demonstrate knowledge of weather processes and their effects on outdoor recreation in New Zealand	3	2
20161	Analyse weather information and predict weather conditions for the outdoors	4	3
21750	Perform advanced grooming at a snowsport area	4	12

Total of 47 credits

Snowmaking Compulsory			
Unit No	Title	Level	Credit
5622	Make snow for a snowsport area	3	20
20160	Demonstrate knowledge of weather processes and their effects on outdoor recreation in New Zealand	3	2
20161	Analyse weather information and predict weather conditions for the outdoors	4	3

Elective A Complete a minimum of 4 credits from the following domain:

Sub-field	Domain
Snowsport	Skiing and Snowboarding

Elective B Complete a further 5 credits at level 3 or above from the following unit standards or domains:

Sub-field	Domain		
Snowsport	Skiing and Snowboarding		
Unit No	Title	Level	Credit
424	Respond to an emergency care situation for an outdoor activity	3	5
1174	Disconnect and reconnect fixed wired electrical appliances or equipment	3	4
4098	Use standards to assess candidate performance	4	5
4586	Operate a snowmobile	3	3
8638	Drive on snow and/or ice	3	3
18129	Demonstrate knowledge of snow formation, snowpack structure and snow metamorphism	3	3
18136	Demonstrate own party avalanche rescue	3	2
21749	Perform advanced snowmaking at a snowsport area	4	12

Total of 47 credits