

Risk Analysis and Management System

NAME:

DATE:

ACTIVITY/SITUATION: Snow Caving – Hongi’s Valley

Analysis

Description

RISKS		<ul style="list-style-type: none"> -Personal injury -Cold injuries -Loss of equipment -Collapsed structure -Cave not completed -Heat injury 		
CAUSAL FACTORS	Hazards, perils, dangers	People	Equipment	Environment
		<ul style="list-style-type: none"> -Sliding unintentionally -Bum sliding with poor runout -Incorrect use of stoves causing burns, asphyxia -Fatigue from lack of food and drink -Inactivity -Delays in getting shelter built -Burying gear while digging -Poorly constructed cave -Unsuitable group for task -Not using enough sunscreen -Not using adequate eye protection -Dehydration 	<ul style="list-style-type: none"> -Poorly dressed -Lack of dry/warm clothing -Rain overnight -lack of shovels 	<ul style="list-style-type: none"> -Avalanche -Falling rocks -Icy surface -Weather – precipitation <ul style="list-style-type: none"> -wind -lack of sun -temperature -Wind blowing clothing and foam mats away -Snow conditions for digging too hard -Lack of snow
RISK MANAGEMENT STRATEGIES	Normal Operation	<ul style="list-style-type: none"> -Cut large steps expecting a freeze in the night -Ensure students not exposed to hazardous runout -Wear stiff soled boots -Self arrest practice -Select good slide path and control students -Instruction on proper stove use -Adequate ventilation for stoves -Ensure that students have eaten and take food & drink periodically -Get students to take rests from digging -Rotate students around jobs to keep them moving -Instigate games to keep moving -Ensure enough shovels -Help dig and encourage others -Chose the best method to suit the group and snow conditions -Keep gear organised and accounted for -Stand axes and shovels up -Instructor to have adequate knowledge of building shelters -Know the group well before taking on task. Get commitment or abandon -Provide sunscreen, insist use regular use -Provide sunglasses and insist on use -Have adequate water supplied and drink regularly 		
Emergency		<ul style="list-style-type: none"> -First aid kit -Lodge key -method of communication (phone in lodge) -Shovels, axes, ropes -Emergency shelter 		
		<ul style="list-style-type: none"> -Stove -Extra clothes -Lodge access -Spare clothing and sunglasses 		

<p>RELEVANT INDUSTRY STANDARDS APPLICABLE</p>	<p>-NZOIA Alpine 1 -SFRITO units: M1 (439), M2 (440), M3(438) -First aid certificate</p>
<p>POLICIES AND GUIDELINES RECOMMENDED</p>	
<p>SKILLS REQUIRED BY STAFF</p>	
<p>FINAL DECISION ON IMPLEMENTING ACTIVITY</p>	<p><i>Choose one....</i> Accept <input type="checkbox"/> Reject <input type="checkbox"/> Comments:</p>