

## Risk Register – Cross Country (XC)

Event: Regional / State / Australian Interschool Championships				Assessor: Steve Cooper			Date of assessment:
Location: Perisher - Nordic Trails				Date of Event: July / August / September 2017			07/05/2017
	From Risk Assessment Matrix			From Risk Control Hierarchy			
Hazard	What is the Harm that may occur?	What is the likelihood that the harm would occur?	What is the level of Risk?	What are the current controls? How effective are they?	What further controls are required?	How will controls be implemented?	What is the level of Risk, after new controls
Racer losing control on down slopes.	Moderate, Medical treatment may be needed, contained with assistance.	Possible Might occur at some time	Moderate Risk	Entering school signs waiver indicating the skier is competent to ski  Racer's responsibility to ski within limits.	Allow adequate time for course inspections. NSWXC to be instructed to set race courses taking into account the age of the competitors and the level of the event. Courses should increase in difficulty from state to national championships. Resort ski patrol to be available to service the race. The resort medical centre to be open during race times.	<ol style="list-style-type: none"> <li>1. Discuss requirements with NSWXC, for athlete abilities to match terrain.</li> <li>2. Need to remain in control at all times, to be written into event rules &amp; guidelines for participants, school coordinators and team managers.</li> <li>3. Race program to allow adequate time for course inspections.</li> <li>4. Reinforce the need for teams to have adequately trained team managers &amp; coaches to highlight course specifics.</li> <li>5. Schools to ensure that participant's abilities are satisfactory for the event they are being entered.</li> </ol>	Moderate Risk
Poor Visibility, Injury to athletes and officials	Minor, First-aid treatment/ on-site release immediate, athlete getting lost	Likely, Will probably occur at most times	Moderate Risk	NSWXC inspects course, monitors weather patterns, snow changes and course line. Blue colour lines to be placed on edge of course, finish line or rises.	Reassess need to continue or start race when poor visibility prevails. Reinforce need for racers to ski within their own abilities and perform to conditions.	<ol style="list-style-type: none"> <li>1. Discuss weather patterns and visibility, with NSWXC and monitor as weather patterns change.</li> <li>2. Continually assess the need to continue, and abandon race in extreme situations.</li> <li>3. Continue use of blue colour lines.</li> <li>4. Reaffirm the need for racers to perform according to the conditions. Announcements to be made over the main speaker.</li> </ol>	Moderate Risk

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Racer collides with spectator, course worker, other racers or officials.	<b>Minor</b> , First-aid treatment/ on-site release immediate	<b>Possible</b> , might occur at some stage	<b>Moderate Risk</b>	Resort signage at cross trails and fenced barriers. Course workers wear safety vests. A core group of experienced and or accredited XC race officials to be in attendance at each race.	Race course officials, to supervise, stay alert & keep bystanders off the course. Race officials to wear safety vests. A core group of experienced and or accredited race officials to be in attendance at each race. Instruct participants on calling 'track' when overtaking.	<ol style="list-style-type: none"> <li>1. Discuss requirements of crowd control with NSWXC, Briefing for race officials. (Monitor crowds, and cross trails.</li> <li>2. Pre-Race course &amp; barrier safety inspection.</li> <li>3. Pre-Race instruction to competitors on calling 'track'.</li> <li>4. Photographer to position themselves behind protection barrier or out of race line.</li> <li>5. Resort ski patrol to be available to service the race. The resort medical centre to be open during race times.</li> </ol>	<b>Low Risk</b>
Racer collides with obstacles, e.g. tree's, poles, water holes etc	<b>Moderate</b> , Extensive Injuries.	<b>Unlikely</b> , might occur at some stage	<b>Moderate Risk</b>	Fenced barriers, where necessary in high risk areas of the race course.	NSWXC to prepare, set and inspect prior to start, identify areas of concern. Where necessary, Adjustments to the course and safety fencing be made as the race progresses.	<ol style="list-style-type: none"> <li>1. Discuss requirements of safety barriers and spill zones with NSWXC.</li> <li>2. Where the course cannot be built to avoid such impediments it should be set 'off the line' of the obstacle.</li> <li>3. Pre-race course &amp; barrier inspection (forerunner) &amp; ongoing monitoring.</li> <li>4. Take all requests for extra padding by athletes and bystanders seriously and assess problem areas.</li> <li>5. Allow for adequate course inspection time.</li> </ol>	<b>Low Risk</b>
Abuse toward race officials	<b>Minor</b> , First Aid Treatment on site, <b>Moderate</b> - emotional trauma.	<b>Unlikely</b> , Could occur at some time	<b>Low - High Risk</b>	Zero Tolerance toward abusive behaviours. Current protest procedures contained in event rules.	Complaints to be in writing.	<ol style="list-style-type: none"> <li>1. Reinforce zero tolerance policy to all schools and athletes.</li> <li>2. Complaints and disputes to be submitted by school &amp;/or team managers.</li> </ol>	<b>Low Risk</b>

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Exposure to weather extremes for athletes and officials.	<b>Moderate</b> , Medical treatment needed contained with outside assistance, Hypothermia, Sunburn.	<b>Possible</b> , Might occur at some time.	<b>Moderate Risk</b>	Racer responsibility to remain protected from the environment, Minimal checks by race officials. The resort medical centre to be open during race times.	Race officials to monitor participants for signs of hypothermia in waiting areas on extreme weather days. Sunscreen provision in Events Room for Officials and Competitors.	<ol style="list-style-type: none"> <li>1. Monitor participants for signs of cold exposure. (particularly those wearing race suits)</li> <li>2. Make regular announcements regarding sunscreen on hotter days.</li> <li>3. Implement changes to race structure in extreme weather, cancellations, or move to one run format where necessary.</li> <li>4. Chief of race to monitor race officials for cold exposure.</li> </ol>	<b>Low Risk</b>
Slips, Trips, Falls by athletes, spectators or officials	<b>Minor</b> , First Aid Treatment on site	<b>Likely</b> , will probably occur most time	<b>Moderate Risk</b>	Individual's responsibility. Resort ski patrol to be available to service the race, athletes, officials and spectators. The resort medical centre to be open during race times	Keep waiting area's free of trip hazards and non-race personnel. Monitor icy patches. Schools to ensure safety of tents, ropes and pegs	<ol style="list-style-type: none"> <li>1. Discuss requirements of chorale areas' with race department, schools with tents, barriers &amp; fenced off areas.</li> <li>2. Regular announcements to take caution around icy areas'.</li> <li>3. Keep race area's free of unofficial parties.</li> </ol>	<b>Low Risk</b>
Competitor struck by ski pole	<b>Minor</b> , First Aid Treatment on site	<b>Likely</b> , will probably occur most time	<b>Moderate Risk</b>	Individual's responsibility. Resort ski patrol to be available to service the race, athletes, officials and spectators. The resort medical centre to be open during race times	Individuals to be scattered in Massed starts in classic events. Sunglasses recommended to protect eyes.	<ol style="list-style-type: none"> <li>1. Discuss requirements of start areas' with NSWXC.</li> <li>2. Regular announcements to take caution with poles in start areas.</li> <li>3. Encourage use of eye protection.</li> </ol>	<b>Low Risk</b>

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Burns from BBQ area.	<b>Minor</b> , First Aid Treatment on site	<b>Likely</b> , will probably occur most time	<b>Moderate Risk</b>	Resort ski patrol to be available to service the race, athletes, officials and spectators. The resort medical centre to be open during race times	Warning Signs to be placed in BBQ area 'HOT SURFACE'. Barrier between general public and hot surface to be erected. Volunteer staff to wear protective equipment, gloves, aprons, tongs etc,..	1. Discuss requirements of BBQ areas' with NSWXC. 2. Ensure signage and barriers are in place before starting BBQ	<b>Low Risk</b>
<b>Additional Hazards and Controls specific to Individual Race course.</b>							
Risk Review (To be conducted Pre, During & Post activity) <ul style="list-style-type: none"> <li>• Are the <i>risk control</i> measures (for each hazard) working effectively in both their design and operation?</li> <li>• Have the <i>risk control</i> measures (for each hazard) introduced new problems?</li> <li>• Have all <i>hazards</i> been identified?</li> <li>• Are safety procedures (for each hazard) being followed?</li> <li>• Has instruction and training provided to <i>workers</i> on how to work safely been successful?</li> </ul>							