

## Risk Identification – Mountain Bike

<b>What could go wrong?</b> <b>RISK</b>	<b>Why would this happen?</b> <b>HAZARD</b>	<b>Significance?</b> <b>RISK RATING</b> Refer to SMP pg. 17	<b>Controls - What we will do about it – Standard Operating Procedures</b> The Assessor is accountable for the overall safety of the course and must ensure the below controls
Serious Injury or Death - Collision with solid object (i.e. tree or another mountain biker) or crash resulting in rider falling from bike	<ol style="list-style-type: none"> <li>1. Rider loses control at speed</li> <li>2. Terrain</li> <li>3. Track conditions</li> <li>4. Poor group management</li> </ol>	<b>Medium</b>	<ol style="list-style-type: none"> <li>1. All participants ride in control and within their ability level.</li> <li>Riders are spaced apart when riding and choose appropriate stopping places to avoid collisions.</li> <li>Helmets are worn and participants are riding well maintained bikes.</li> <li>Good riding etiquette is utilised in regard to other riders and track users e.g. walkers.</li> <li>Model clients briefed on equipment requirements (e.g. bike, helmets, shoes) in client letter.</li> <li>1, 2, 3 &amp; 4. Appropriate tracks and terrain are chosen within the scope of the qualification and the ability of the candidates/trainees and model clients.</li> <li>1, 2, 3 &amp; 4. Model clients riding abilities and behaviours are monitored and managed.</li> <li>3. Track conditions are monitored in wet weather.</li> </ol>
Serious Injury or Death - Bike failure	<ol style="list-style-type: none"> <li>1. Rider on poorly or inadequately maintained bike</li> </ol>	<b>Medium</b>	<ol style="list-style-type: none"> <li>1. Candidates/trainees and model clients are riding well maintained bikes.</li> <li>Pre-ride bike checks are done.</li> <li>Model clients briefed on bike requirements for assessment in client letter.</li> </ol>
Serious Injury or Death - Rider hit by a motor vehicle	<ol style="list-style-type: none"> <li>1. Riding on road</li> <li>2. Not aware of or following road rules</li> </ol>	<b>Medium</b>	<ol style="list-style-type: none"> <li>1. &amp; 2. Venues chosen that minimise the amount of road riding required and model clients are closely monitoring and managed when riding on roads.</li> </ol>
Serious Injury or Death - Hypothermia	<ol style="list-style-type: none"> <li>1. Exposure to elements</li> <li>2. Lack of energy</li> </ol>	<b>Medium</b>	<ol style="list-style-type: none"> <li>1. Candidates/trainees have appropriate clothing and shelter on or available e.g. thermals, water proof jackets.</li> <li>Model clients are fitted out with appropriate spare clothing if needed.</li> </ol>

			<p>Warming resources are available e.g. thermos.</p> <p>Updated weather forecast obtained and it is suitable for the group and location.</p> <p>1 &amp; 2. Model clients briefed on clothing and food requirements in client letter as prevention to hypothermia.</p>
<p>Serious Injury or Death -</p> <p>Lost person or group</p>	<p>1. Poor group management</p> <p>2. Group lost</p>	Medium	<p>1 &amp; 2. NZOIA ratios are maintained at all times.</p> <p>Assessors to step in if the candidate is not managing the group and potential lost person becomes a safety concern.</p> <p>Assessor to know at all times where the candidates and model clients are.</p> <p>Intentions are left with someone and a suitable communication device is available.</p>
<p>Serious Injury or Death -</p> <p>Hyperthermia</p>	<p>1. Exposure to elements</p> <p>2. Dehydration</p>	Medium	<p>1. Appropriate clothing for the conditions is worn.</p> <p>All participants drink enough and have access to water.</p>
<p>Serious Injury or Death -</p> <p>Fire</p>	<p>1. Trapped in the forest/bush, due to fire</p> <p>2. Burns and/or smoke inhalation</p>	Medium	<p>1. In extreme fire conditions, a means of communication is carried that the Assessor can be contacted on, or use to call for help.</p> <p>Escapes routes from the forest/bush are known.</p> <p>1 &amp; 2. Where possible, areas that are prone to fire are avoided in extreme fire conditions.</p>
<p>Serious Injury or Death -</p> <p>Medical Condition</p>	<p>1. Known medical condition arises</p> <p>2. Unknown medical condition occurs</p>	Medium	<p>1 &amp; 2. Assessors and candidates to have a current first aid certificate and a means of contacting emergency services.</p> <p>1. Medical forms of candidates/trainees and model clients are checked and relevant information is considered.</p> <p>Personal medication is being carried by the participant (ie. inhalers, adrenaline).</p> <p>A first aid kit is carried at all times.</p>

**Updated on: 29 May 2023**

**To be Reviewed by: 31 December 2024**

## Site specific Hazards – Mountain Biking:

These site-specific hazards are reported by Assessors following a NZOIA course. This is only one source of the potential hazards in an area and is quickly outdated. Assessors are responsible for seeking up to date information on the location they are going to work in from other sources for e.g. DOC, local operators, instructors and guides.

Risk	Location of Hazard	Date Identified	Control - What we will do about it – Standard Operating Procedures
Serious complications or Death – Slow emergency Response	Whakarewarewa Forest	13 Mar 2023	The best and fastest response to an emergency in the Whakarewarewa Forest is the 0800WHAKA1 (0800 942 521) who then coordinate with 111. They are also funded to be a first response mountain bike service in the forest for anybody.