

# FRNSW Safety Risk Assessment

<u>MEASURES</u>	
Consequence	Likelihood
<p><b>Very High - Fatality/Multiple Hospitalisation</b></p> <ul style="list-style-type: none"> <li>Multiple life threatening injuries or illnesses with the same cause which requires immediate treatment as in-patients in a hospitalisation</li> <li>Multiple exposures to a substance requiring medical treatment within 48 hours</li> </ul> <p><b>High - Extensive Injuries / Hospitalisation</b></p> <ul style="list-style-type: none"> <li>Serious life threatening injury or illness which requires immediate treatment as an in-patient in a hospital.</li> <li>Medical Treatment within 48 hours of exposure to a substance.</li> </ul> <p><b>Moderate - Medical Treatment and Lost Time</b></p> <ul style="list-style-type: none"> <li>An injury or illness which requires medical treatment.</li> <li>An exposure to a non-immediately life threatening chemical.</li> </ul> <p><b>Minor - First Aid Treatment but No Lost Time</b></p> <ul style="list-style-type: none"> <li>A non-life threatening workplace injury or illness which was adequately treated by a qualified first-aider and did not result in lost time.</li> </ul> <p><b>Negligible - No Treatment and No Lost Time</b></p> <ul style="list-style-type: none"> <li>A non-life threatening workplace injury that does not require treatment or result in lost time.</li> </ul>	<p><b>Almost Certain</b> Is expected to occur in most circumstances (85% ≥ 100%)</p> <p><b>Likely</b> Will probably occur in most circumstances (50% ≥ 84%)</p> <p><b>Possible</b> May occur at some time (15% ≥ 49%)</p> <p><b>Unlikely</b> Could occur from time to time (2% ≥ 14%)</p> <p><b>Rare</b> May occur in exceptional circumstances (0 ≥ 2%)</p>

<u>MATRIX</u>		<u>Likelihood</u>				
		Rare	Unlikely	Possible	Likely	Almost Certain
Consequence	Very High	High (12)	Very High (17)	Extreme (21)	Extreme (24)	Extreme (25)
	High	Moderate (10)	High (15)	Very High (19)	Extreme (22)	Extreme (23)
	Moderate	Moderate (6)	Moderate (9)	High (14)	Very High (18)	Very High (20)
	Minor	Minor (3)	Moderate (5)	Moderate (8)	High (13)	High (16)
	Negligible	Minor (1)	Minor (2)	Moderate (4)	Moderate (7)	Moderate (11)

<u>RISK RATING</u>	
21-25	<b>Extreme</b> Risk controls to be implemented immediately
17-20	<b>Very High</b> Risk controls to be initiated ASAP (within a max. of one week)
12-16	<b>High</b> Risk controls to be initiated within 21 days
4-11	<b>Moderate</b> Risks monitored in routine activity or every 8 weeks
1-3	<b>Minor</b> Risks monitored and periodically reviewed every 12 weeks

<u>HIERARCHY OF CONTROLS</u>
<b>Elimination</b> Removal of hazard.
<b>Substitution</b> Replacing (wholly or partly) with something that gives rise to a lesser risk.
<b>Isolate</b> Isolating the hazard from any person exposed to it.
<b>Engineering</b> Redesign the task/equipment.
<b>Administrative</b> Information, training, instructions, signage, etc.
<b>PPE</b> Personal Protective Equipment & Personal Protective Clothing

**Definitions:**

- Hazard** a situation or thing that has the potential to harm a person. Hazards at work may include: noisy machinery, a moving forklift, chemicals, electricity, working at heights, a repetitive job, bullying and violence at the workplace.
- Risk** the possibility that harm (death, injury, illness) might occur when exposed to a hazard
- Risk Control** taking action to eliminate health and safety risks so far as is reasonably practicable, and if that is not possible, minimising the risks so far as is reasonably practicable. Eliminating a hazard will also eliminate any risks associated with that hazard.

HAZARD and ASSOCIATED RISK	RISK RATING	RISK CONTROLS (Proposed controls to manage hazard)	RISK RATING	SUPERVISOR
<i>Example – Task: During motor vehicle extrication, training area contains the presence of heavy, sharp metal objects which could cause lacerations varying in severity.</i>	8 - Moderate	<b>Engineering:</b> Cover all sharp edges of metal pieces with heavy protective material. <b>Administrative:</b> Use pre-drill briefings to highlight areas of danger. <b>PPE:</b> Don rescue PPE, ie gloves, safety goggles/glasses, helmet, boots	3 - Minor	Drill facilitator
<i>Example – Permanent: Water running across the concrete floor at the station, which has become slippery. Workers could slip on the wet floor, injuring their ankles, knees, back, etc.</i>	13 - High	<b>Isolation:</b> Isolate the hazard by running an overflow tube from the air conditioner to a suitable drainage point. The floor will no longer be slippery, and the risk of injury has been dramatically reduced.	3 - Minor	Station Commander

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<b>Assessment of:</b> <input type="checkbox"/> Task <input type="checkbox"/> Workplace <input type="checkbox"/> Equipment <input type="checkbox"/> Process <input checked="" type="checkbox"/> Other	<b>Date of Assessment:</b> 4/2/2022
<b>Location &amp; Description:</b> Firefighter Championship – Tumut 2024 – Track - General	
<b>Names of Assessor(s) &amp; Contact Number(s):</b> Mark Rutter – 0404 478 220	<b>Persons Consulted:</b>

HAZARD and ASSOCIATED RISK	RISK RATING	RISK CONTROLS (Proposed controls to manage hazard)	RISK RATING	SUPERVISOR
Crowd - Antisocial crowd/participant behavior due to alcohol consumption	8	<ul style="list-style-type: none"> <li>FRNSW policy – alcohol free event</li> <li>Official program and all advertising indicate an alcohol-free event</li> <li>FRNSW Safety Officers will patrol ground</li> </ul>	3	FRNSW Regional Events Coordinator
Crowd - Antisocial crowd behavior	8	<ul style="list-style-type: none"> <li>Provide and maintain adequate levels of security for crowd numbers.</li> <li>FRNSW Safety Officers patrolling ground.</li> <li>Security contracted for Ground security.</li> </ul>	3	FRNSW Regional Events Coordinator
Public health and safety – Insufficient first aid and medical provisions for crowd numbers	10	<ul style="list-style-type: none"> <li>Provision of designated FRNSW 1st Aid Officers.</li> </ul>	3	FRNSW Regional Events Coordinator
Waste – Not enough bins on site	13	<ul style="list-style-type: none"> <li>Additional waste disposal bins to be provided by council</li> <li>Bins to be emptied when they become full.</li> </ul>	5	FRNSW Regional Events Coordinator

Catering – Food poisoning	19	<ul style="list-style-type: none"> <li>Caterers and staff to comply with Australian National Food standards and health regulations.</li> <li>All permits to be checked prior to operations</li> </ul>	10	FRNSW Regional Events Coordinator
Catering - Burns	17	<ul style="list-style-type: none"> <li>Fire extinguishers and fire blankets to be available and have current inspection stamp.</li> </ul>	5	FRNSW Regional Events Coordinator
Catering – Fire/explosion	17	<ul style="list-style-type: none"> <li>All electrical leads and appliances to be tagged and tested.</li> <li>Fire extinguishers and fire blankets to be available and have current inspection stamp.</li> </ul>	5	FRNSW Regional Events Coordinator
Working environment - Uneven surface; slips, trips and falls	14	<ul style="list-style-type: none"> <li>Ensure clear access to all parts of ground</li> <li>Clearly mark any hazards</li> <li>Maintain clear walkways</li> <li>Designated 1st Aid Officer available at all times.</li> </ul>	5	FRNSW Regional Events Coordinator
Structures - Marquee collapse due to high winds or storm	17	<ul style="list-style-type: none"> <li>Event evacuation plan.</li> <li>Emergency exits clearly marked.</li> </ul>	5	FRNSW Regional Events Coordinator
Structures - Marquee collapses due to fire	17	<ul style="list-style-type: none"> <li>Clearly marked exit points.</li> <li>Fire exit signs placed throughout Marquees.</li> <li>Evacuation and assembly point.</li> </ul>	5	FRNSW Regional Events Coordinator
Electrical equipment - failures	10	<ul style="list-style-type: none"> <li>All leads are tested to Australian Standards as required by authorized person.</li> <li>All joins and outside points to be weather protected. Leads to be located away from general traffic areas. Leads in traffic areas to be protected by suitable ramps.</li> </ul>	3	FRNSW Regional Events Coordinator
Manual Handling – goods and items are not moved correctly	10	<ul style="list-style-type: none"> <li>Proper lifting techniques to be used in all work practice.</li> <li>All staff to be briefed prior to commencing a task.</li> </ul>	3	FRNSW Regional Events Coordinator

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Ground – damage to the ground surface or surrounds	10	<ul style="list-style-type: none"> <li>Limit size of vehicles that can access ground</li> </ul>	3	FRNSW Regional Events Coordinator
Vehicles – moving vehicles may strike a pedestrian	17	<ul style="list-style-type: none"> <li>All vehicle movements within Championship ground will be escorted by Safety Officers</li> <li>Where possible physical barriers will be put in place</li> </ul>	3	FRNSW Regional Events Coordinator
Emergency – ground needs to be evacuated due to emergency	17	<ul style="list-style-type: none"> <li>Follow emergency evacuation plan</li> <li>Brief all competitors on location of evacuation marshalling point</li> </ul>	5	FRNSW Regional Events Coordinator