

Risk ID	Hazard or Risk Source	Risks – What can go wrong?	Factors which could contribute to an incident occurring.	Likelihood A to E	Degree of Harm 1- 5	Risk Level (Inherent)	State of Knowledge – What information is available or can be obtained on this risk?	Risk Controls - What can reasonably be done?	Risk Level Residual	Risk Owners
01	Patron in Lake	<ul style="list-style-type: none"> <li>Entanglement with weeds</li> <li>Serious Injury</li> <li>Drowning</li> </ul>	<ul style="list-style-type: none"> <li>At risk behaviour of patron</li> <li>Fall from camp barge</li> <li>Poor application of rescue plan</li> <li>Communication failure during incident</li> <li>Poor response procedures</li> <li>Lack of rehearsals/testing</li> <li>Lack of experienced life savers</li> <li>Lack of watercraft &amp; fitted light</li> </ul>	E Rare	5 Death	E5 High Risk	<ul style="list-style-type: none"> <li>Incidents from previous or similar events</li> <li>Consultation with WFA</li> <li>RLS Report 2014</li> <li>Information on water/lake from SIRC</li> </ul>	<ul style="list-style-type: none"> <li>Security deployed to monitor crowds at waters edge</li> <li>Security deployed at campsite bridge</li> <li>Reporting protocol established with ECC</li> <li>Medical, aquatic rescue plans developed/applied</li> <li>ECC team established and formally briefed on roles and procedures for response</li> <li>Scenario training delivered for ECC team members</li> <li>Person rescue at Bridge and water surrounds rehearsed prior to event (night/day)</li> </ul>	E4 Medium Risk	Q Dance Patrons Life Savers Security
02	Patron – Consumption of illicit drugs	<ul style="list-style-type: none"> <li>Heatstroke</li> <li>Water toxicity</li> <li>Overdose</li> <li>Serious Illness</li> <li>Death</li> </ul>	<ul style="list-style-type: none"> <li>At risk behavior by patron</li> <li>Peer Pressure/Games</li> <li>Criminal activity/dealing</li> <li>Toxic reaction to drugs</li> <li>Poor medical response procedures</li> <li>Delays in treatment</li> </ul>	E Rare	5 Death	E5 High Risk	<ul style="list-style-type: none"> <li>Incidents rates from previous events</li> <li>Consultation with Medical experts</li> <li>Consultation with Police</li> <li>WA Guidelines for Major Events</li> <li>DanceSafe</li> </ul>	<ul style="list-style-type: none"> <li>Patrons consulted about drug taking/behaviour</li> <li>Patrons advised of conditions of entry (signage visible)</li> <li>Drug awareness program initiated (via website)</li> <li>Security engaged to conduct bag searches/pat downs</li> <li>Patrons monitored for drug activity and ill-health</li> <li>Roaming medical support teams deployed</li> <li>Response Procedure established and implemented</li> <li>NSW Ambulance onsite to assist with transportation</li> <li>Doctor and Paramedics onsite to manage patient care</li> </ul>	E4 Medium Risk	Patrons QDA Medical Security
03	Patron- Excessive Consumption of alcohol	<ul style="list-style-type: none"> <li>Nausea/sickness</li> <li>Alcohol Poisoning</li> <li>Behavioral issues</li> </ul>	<ul style="list-style-type: none"> <li>At risk behavior by patron</li> <li>Pre-loading &amp; smuggling of alcohol</li> <li>Peer Pressure/Games</li> <li>Poor RSA practices at event bars</li> <li>Lack of food or delays in service</li> <li>Lack of free water stations</li> <li>Excessive heat</li> </ul>	C Possible	4 Serious Illness	C4 High Risk	<ul style="list-style-type: none"> <li>Incident rates from previous events</li> <li>Consultation with Medical experts</li> <li>Consultation with Police/Licensing</li> <li>OLGR Liquor Facts and Resources</li> </ul>	<ul style="list-style-type: none"> <li>Security search of back bags and bags at entry</li> <li><b>Alcohol management plan</b> implemented across site</li> <li>Strict RSA practices applied by all bar staff</li> <li>Bar staff briefed on ID verification, RSA practices</li> <li>Substantial food provided at all times (during service)</li> <li>Free water stations provided and sign posted</li> <li>Security and RSA marshals tasked -early intervention</li> <li>RSA Marshal program applied at bars</li> <li>Lighting installed at bars to assist with observation</li> <li>Bar staff reporting &gt; RSA/Security protocol established</li> </ul>	C2 Medium Risk	Patrons QDA Security
04	Patron – Assaulted/Fight	<ul style="list-style-type: none"> <li>Serious Injury</li> <li>Death</li> </ul>	<ul style="list-style-type: none"> <li>Patron affected by drugs/alcohol</li> <li>Lack of security presence</li> <li>Gang rivalry, racism</li> <li>Smuggled in weapons</li> </ul>	C Possible	4 Serious Injury	C4 High Risk	<ul style="list-style-type: none"> <li>Incident rates from previous events</li> <li>Consultation with Police &amp; Security</li> </ul>	<ul style="list-style-type: none"> <li>Security deployed to monitor crowds</li> <li>Early intervention strategy applied</li> <li>Eviction procedure established</li> <li>Troublemakers identified and moved on</li> <li>Police assistance via ECC</li> </ul>	C2 Medium Risk	Patrons QDA Security
05	Extreme Weather (Wind) and its impact on Infrastructure	<ul style="list-style-type: none"> <li>Displacement</li> <li>Collapse of tent/marquee</li> <li>Collapse of structure</li> <li>Serious Injury</li> <li>Death</li> </ul>	<ul style="list-style-type: none"> <li>Person hit by displaced equipment</li> <li>Poorly erected or inadequate</li> <li>Tent or marquee collapse</li> <li>Displacement of décor/theming</li> </ul>	E Rare	4 Serious Injury	E4 Medium Risk	<ul style="list-style-type: none"> <li>Bureau of Meteorology (BOM)</li> <li>Engineering certificates</li> <li>Anemometer at camp site</li> <li>Ubi-met meteorologist report</li> </ul>	<ul style="list-style-type: none"> <li>All structures to be checked after erection</li> <li>All ballasts and tie downs as per build plans</li> <li>Engineering sign off on structures obtained</li> <li>Weather watch person identified/tasked in ECC</li> <li>Anemometer installed at festival site</li> <li>Ubi – met weather reports obtained (7 day, 24 hr)</li> <li>Meteorologist from Ubi- met established with ECC</li> <li>Evacuation &amp; show stop procedures developed/applied</li> <li>Show stop rehearsed at each stage</li> </ul>	E3 Medium Risk	QDA Site Mngr. Security
06	Access Barge to Campsite	<ul style="list-style-type: none"> <li>Person falls/jumps into water</li> <li>Serious Injury</li> <li>Drowning</li> </ul>	<ul style="list-style-type: none"> <li>At risk behavior by patron</li> <li>Diminished lighting</li> <li>Poor Security Management</li> <li>Poor Lifeguarding/patrols</li> <li>Lack of life buoy</li> </ul>	E Rare	5 Death	E5 High Risk	<ul style="list-style-type: none"> <li>Consultation with Royal Life Saving</li> <li>Consultation with Barges Australia</li> <li>National Drowning Report 2014</li> <li>Consultation with SIRC</li> </ul>	<ul style="list-style-type: none"> <li>Barge inspected prior to use</li> <li>Barge engineering sign off provided to QDA</li> <li>Light barges for patron night movement (edges)</li> <li>Deploy security to barge entry/exit at all times</li> <li>Deploy life saver in watercraft for ongoing patrols (both sides of the barge)</li> <li>Install Life Buoy every 10m and mount off ground</li> <li>Install warning signs at barge entry</li> <li>Install CCB at entry/exit points to snake patrons</li> </ul>	E3 Medium Risk	QDA Lifesavers Security Barge Aust.

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07	Critical Incident – Fire (General)	<ul style="list-style-type: none"> <li>• Fire in food or bar area</li> <li>• Fire in back of house areas</li> <li>• Burns to workers/patrons</li> <li>• Fire spread to facilities</li> <li>• Serious Injury</li> <li>• Death</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of FFE in event space</li> <li>• Lack of staff trained in FFE use</li> <li>• Poor waste management</li> <li>• At risk behavior by patron</li> <li>• Poor response procedures</li> <li>• Pyrotechnics</li> </ul>	E Rare	4 Serious Injury	E4 Medium Risk	<ul style="list-style-type: none"> <li>• Consultation with Rural Fire Service</li> <li>• Consultation with SIRC</li> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> <li>• COP Managing the Work Environment</li> <li>• AS 3745:2010</li> </ul>	<ul style="list-style-type: none"> <li>• Incorporate fire response procedures in EMP</li> <li>• Deploy dedicated fire truck to event (RFS)</li> <li>• Locate FFE at all power and ignition sources</li> <li>• Create FFE map and provide to ECC</li> <li>• Establish fire/area wardens and brief on EMP</li> <li>• Clear all food/bar areas of waste/combustibles</li> <li>• Keep all BOH areas clear of waste/combustibles</li> <li>• Deliver, handle, store and operate pyrotechnics in accordance with pyro risk assessment and safety management system</li> </ul>	E4 Medium Risk	QDA Security Site Cleaners
08	Critical Incident – Medical (General)	<ul style="list-style-type: none"> <li>• Injury or Illness to Patron</li> <li>• Injury to Illness to Worker</li> <li>• Drug Overdose</li> <li>• Acute Intoxication</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of Medical Staff</li> <li>• Lack of Medical Equipment</li> <li>• Inexperienced medical team</li> <li>• Poor response procedures</li> <li>• Delays in treatment</li> </ul>	E Rare	5 Death	E5 High Risk	<ul style="list-style-type: none"> <li>• Consultation with Medical Team</li> <li>• Consultation with SIRC</li> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> <li>• AS 3745:2010</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Medical Plan</b> developed and implemented</li> <li>• Dedicated medical centre established</li> <li>• Medical staff engaged in accordance with plan</li> <li>• Response procedures established with Uni-med</li> <li>• NSW Ambulance onsite to assist with transportations</li> </ul>	E4 Medium Risk	QDA Medical Team Security
09	Patron – smuggling of alcohol and illicit drugs, burying drugs	<ul style="list-style-type: none"> <li>• Serious illness</li> <li>• Drug Overdose</li> <li>• Acute alcohol intoxication</li> </ul>	<ul style="list-style-type: none"> <li>• At risk behaviour of patron</li> <li>• Lack of Security protocols</li> <li>• Lack of pre-event searches</li> <li>• Drugs buried or hidden at venue</li> </ul>	C Possible	4 Serious Illness	C4 High Risk	<ul style="list-style-type: none"> <li>• Consultation with Police &amp; Security</li> <li>• Consultation with SIRC</li> <li>• Monitoring social media</li> </ul>	<ul style="list-style-type: none"> <li>• Security risk assessment prepared (ISEC)</li> <li>• Security management plan implemented</li> <li>• All bags and backpacks searched by Security</li> <li>• Pre event Police canine sweep of Festival space</li> <li>• Police canine units deployed at entry</li> <li>• Patron activity monitored by security</li> </ul>	C3 Medium Risk	QDA Police Security
10	Contractor Management (Administration)	<ul style="list-style-type: none"> <li>• First Aid</li> <li>• Serious Injury</li> <li>• Death</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate systems of work</li> <li>• Inadequate safety systems</li> <li>• Inadequate review of WHS docs.</li> <li>• Lack of supervision</li> <li>• At risk behaviour by worker</li> </ul>	D Unlikely	4 Serious Injury	D4 Medium Risk	<ul style="list-style-type: none"> <li>• AS 4801, 4804</li> <li>• COP – Construction Work</li> <li>• COP – Managing risks in the workplace</li> </ul>	<ul style="list-style-type: none"> <li>• Contractor compliance system applied across event</li> <li>• All contractors WHS documents reviewed</li> <li>• All works to be supervised at all times</li> <li>• Contractor compliance with WHS docs monitored</li> <li>• Induction system applied for all workers</li> <li>• Safety Officer engaged for site overlay</li> </ul>	D3 Medium Risk	QDA Contractors Safety
11	Critical Incident – Evacuation	<ul style="list-style-type: none"> <li>• Panic</li> <li>• Slip and Trip on terrain</li> <li>• Injury</li> </ul>	<ul style="list-style-type: none"> <li>• Poor evacuation procedures</li> <li>• Poor communication protocols</li> <li>• Delay in coordinating an evacuation</li> <li>• Insufficient lighting/way finding</li> <li>• Inadequate weather monitoring</li> </ul>	D Unlikely	3 Moderate Injury	D3 Medium Risk	<ul style="list-style-type: none"> <li>• Consultation with SIRC</li> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> <li>• Managing Major Events (Vic)</li> <li>• AS 3745:2010</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Emergency Plan</b> developed and implemented</li> <li>• Assembly Areas noted in all plans and signposted</li> <li>• Evacuation routes signposted</li> <li>• Key security and area wardens briefed</li> <li>• Assembly areas to have temporary lighting towers</li> <li>• Pathways to assembly areas clear at all times</li> <li>• Maps and plans printed (A0) and located in ECC</li> <li>• Coloured flip charts printed and located at all areas</li> </ul>	D2 Low Risk	QDA SIRC Security
12	Security Management (Failures – Entry)	<ul style="list-style-type: none"> <li>• Criminal activity</li> <li>• Smuggling drugs/alcohol</li> <li>• Fake ID usage</li> <li>• Intoxicated patron</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of security planning</li> <li>• Insufficient security guard ratio</li> <li>• Poor security checks of person/ID</li> <li>• Patron – intentional act</li> </ul>	C Possible	2 Minor Injury	C2 Medium Risk	<ul style="list-style-type: none"> <li>• Consultation with Police and Security</li> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> <li>• Managing Major Events (Vic)</li> </ul>	<ul style="list-style-type: none"> <li>• Conditions of entry printed and erected</li> <li>• <b>Security Plan</b> developed and implemented</li> <li>• Entry corridors well lit and suitable for bag/ID checks</li> <li>• Security guards deployed in accordance with plan</li> <li>• Security reporting to Police protocol established</li> <li>• Security response procedures established</li> </ul>	C2 Medium Risk	QDA Security
13	Emergency Management (Failures)	<ul style="list-style-type: none"> <li>• Panic</li> <li>• Slip and Trip on terrain</li> <li>• Fire</li> <li>• Injury</li> <li>• Death</li> </ul>	<ul style="list-style-type: none"> <li>• Poor emergency procedures</li> <li>• Poor communication protocols</li> <li>• Delay in coordinating an emergency</li> <li>• Insufficient lighting/way finding</li> <li>• Confusion over responsibilities</li> </ul>	D Unlikely	3 Moderate Injury	D3 Medium Risk	<ul style="list-style-type: none"> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> <li>• Managing Major Events (VIC)</li> <li>• AS 3745:2010</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Emergency Plan</b> developed and implemented</li> <li>• ECO established in EMP &amp; located at ECC</li> <li>• ECO to attend formal instruction/scenario session</li> <li>• Assembly areas and pathways inspected – kept clear</li> <li>• Egress routes lit and signposted</li> <li>• Area Wardens formally briefed and provided with flip charts and reporting protocol</li> </ul>	D3 Medium Risk	QDA Site Mngr. Security ECO

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14	General Working Environment for Workers	<ul style="list-style-type: none"> <li>•Sunburn/Heatstroke</li> <li>•Slip and Trip on terrain</li> <li>•Dehydration</li> <li>•Injury</li> </ul>	<ul style="list-style-type: none"> <li>• Insufficient clearing of work areas</li> <li>• Insufficient lighting</li> <li>• Exposure to elements</li> <li>• Lack of water</li> <li>• Lack of first aid staff/equipment</li> </ul>	E Rare	3 Moderate Injury or Illness	E3 Medium Risk	<ul style="list-style-type: none"> <li>•COP – Managing the Work Environment</li> <li>•WHS Regulation 2011</li> <li>•Office of Environment &amp; Heritage</li> <li>•Consultation with SIRC</li> </ul>	<ul style="list-style-type: none"> <li>•Entry/Exit to all work areas defined</li> <li>•Work areas kept clear and general public restricted</li> <li>• Temporary lighting installed at work areas</li> <li>•Workers advised of weather conditions at all times</li> <li>•Fresh drinking water provided at all times</li> <li>• Meal breaks and substantial food provided at all times</li> <li>•Worker toilets provided and kept clean</li> <li>•First aid kit and trained safety officer present</li> </ul>	E2 Low Risk	QDA SIRC Security
15	Workplace Isolation	<ul style="list-style-type: none"> <li>•Injury – person/child</li> <li>•Collision – person/vehicle</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate security presence</li> <li>• Inadequate fencing at work areas</li> <li>• Unauthorized access</li> <li>• Children attempt access to equipment</li> <li>• Vehicle/person collision</li> </ul>	D Unlikely	3 Moderate Injury	D3 Medium Risk	<ul style="list-style-type: none"> <li>• Consultation with Security</li> <li>• Consultation with SIRC</li> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> </ul>	<ul style="list-style-type: none"> <li>•Entry/Exit to all work areas defined/agreed with SIRC</li> <li>• Work areas isolated with CCB or 1.8M fence</li> <li>• Security engaged to monitor work activities</li> <li>• General public observed at all times</li> <li>• General public restricted from QDA work areas</li> <li>• All vehicle movement – outside peak times</li> <li>• Interaction with general public (during overlay) strictly managed</li> </ul>	D2 Low Risk	QDA SIRC Security
16	Structures/Marquees & Stages	<ul style="list-style-type: none"> <li>•Structural Collapse</li> <li>•Injury to Patron/Worker</li> <li>•Death</li> </ul>	<ul style="list-style-type: none"> <li>• Severe localized storm</li> <li>• Inadequate ballast or tie-down</li> <li>• Inadequate engineering</li> <li>• Excessive winds for structure/s</li> <li>• Poor construction methods</li> </ul>	E Rare	5 Death	E5 High Risk	<ul style="list-style-type: none"> <li>•COP – Safe Design of Structures</li> <li>•WHS Regulation 2011</li> <li>•Local Wind Assessment (Bom)</li> <li>•Engineering Specification</li> <li>•AS/NZS 1170.2:2002 – Wind Actions</li> </ul>	<ul style="list-style-type: none"> <li>•Site survey conducted and locations agreed with SIRC</li> <li>•All Structures built on even solid ground</li> <li>•All structures/stages engineered (design certificate)</li> <li>•Engineering inspection done upon completion</li> <li>•Ballast and strict tie-down methods applied</li> <li>•All construction in accordance with approved plans</li> <li>•All surplus equipment secured/tied down or removed</li> <li>•Weather monitored in accordance with EMP</li> <li>•Weather warning system applied</li> <li>•De-rig procedures established for stages</li> <li>•Show stop procedure established</li> </ul>	E4 Medium Risk	QDA Supplier Engineer
17	Electrical Equipment	<ul style="list-style-type: none"> <li>•Fire</li> <li>•Burn</li> <li>•Electric shock</li> <li>•Electrocution</li> </ul>	<ul style="list-style-type: none"> <li>• Overloading of power distribution</li> <li>• Faulty equipment (un-tested)</li> <li>• Unauthorized access to power</li> <li>• Unauthorized repairs to equipment</li> <li>• Inadequate water proofing</li> <li>• Inadequate cable protection</li> </ul>	E Rare	5 Death	E5 High Risk	<ul style="list-style-type: none"> <li>•COP – Managing Electrical Risks</li> <li>•WHS Regulation 2011</li> <li>•AS/NZS 3760</li> </ul>	<ul style="list-style-type: none"> <li>•Festival site electrician engaged</li> <li>•Power distribution map developed &amp; loads calculated</li> <li>•Cabling on ground protected with cable trays</li> <li>•Generators/distro isolated from general public</li> <li>•All equipment must have current test/tag</li> <li>•All power supplies must have operable RCD</li> <li>•Staging/scaffolding structures to be earthed</li> <li>•Inspection of electrical system prior to use</li> </ul>	E4 Medium Risk	QDA Supplier Electrician
18	Temporary Food Stalls	<ul style="list-style-type: none"> <li>•Fire</li> <li>•Food Poisoning</li> <li>•Serious Illness</li> </ul>	<ul style="list-style-type: none"> <li>• Overloading of power distribution</li> <li>• Faulty equipment (un-tested)</li> <li>• Stockpiling of rubbish/combustibles</li> <li>• Lack of fire fighting equipment (FFE)</li> <li>• Lack of FFE trained staff</li> <li>• Service of raw or uncooked food</li> <li>• Cross contamination</li> </ul>	D Unlikely	3 Moderate Illness	D3 Medium Risk	<ul style="list-style-type: none"> <li>• Food Authority – Temp Events</li> <li>• Food Act 2003</li> <li>• Penrith City Council (Health Dept)</li> </ul>	<ul style="list-style-type: none"> <li>• Food Vending in accordance with Food Authority</li> <li>• Food vendors to provide evidence of FA notification</li> <li>• Food Vendors certified by Penrith Council</li> <li>• All food service in accordance with Food Act 2003</li> <li>• Power distribution map developed &amp; loads calculated</li> <li>• All electrical equipment inspected &amp; test/tagged</li> <li>• All equipment sanitized and clean</li> <li>• Food Safety Supervisor present at all times</li> <li>• All foods stored/served at correct temperatures</li> <li>• Portable fire extinguisher and blanket in place</li> <li>• Foods labeled correctly (meat, vegetarian etc)</li> </ul>	D2 Low Risk	QDA Food Vendor

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19	Temporary Bar (Alcohol Sale/Supply)	<ul style="list-style-type: none"> <li>•Theft</li> <li>•Acute Intoxication</li> <li>•Serious Illness</li> <li>•Behavioral issues</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate security of stock</li> <li>• Inadequate alcohol management</li> <li>• Inadequate lighting at bar</li> <li>• Staff intentional violation of RSA</li> <li>• Patron – at risk behaviour</li> <li>• Lack of Security in and around bars</li> </ul>	C Possible	3 Moderate Illness	C3 High Risk* Priority	<ul style="list-style-type: none"> <li>• Liquor Act 2007</li> <li>• OLGR Resources &amp; Facts</li> <li>• OLGR – Prevention of Intoxication</li> <li>• Consultation with Security</li> <li>• Incident Rates and reports 2014</li> </ul>	<ul style="list-style-type: none"> <li>• All liquor sales in accordance with Liquor Act</li> <li>• <b>Alcohol Management Plan</b> written and applied</li> <li>• Strict RSA and security monitoring at bar</li> <li>• Power distribution map developed &amp; loads calculated</li> <li>• All electrical equipment inspected &amp; test/tagged</li> <li>• All stock secured in lockable cool rooms/chillers</li> <li>• Food service at all times liquor is sold</li> <li>• No shots, shooters or doubles to be sold</li> <li>• Lighting installed at bar and BOH areas</li> <li>• RSA Marshals deployed at all bars</li> <li>• Early intervention protocols established</li> </ul>	D3 Medium Risk	QDA Licensee Security
20	Resource/Waste Management (Failures)	<ul style="list-style-type: none"> <li>•Environmental damage</li> <li>•Serious Illness</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate waste management plan</li> <li>• Inadequate bins/collection</li> <li>• Inadequate cleaners</li> </ul>	D Unlikely	3 Moderate Harm	D3 Medium Risk	<ul style="list-style-type: none"> <li>• EPA – Waste Wise Event Guide</li> <li>• Consultation with SIRC</li> </ul>	<ul style="list-style-type: none"> <li>• Waste Management Plan implemented (festival wide)</li> <li>• Bins and Skips placed in key locations</li> <li>• Recycling and separation of waste signposted</li> <li>• Removal of waste schedule</li> <li>• Cleaning procedures established/implemented</li> <li>• Cleaners engaged and deployed</li> </ul>	D3 Medium Risk	QDA Cleaners Waste Co.
21	Rough Terrain	<ul style="list-style-type: none"> <li>•Slip and Trip</li> <li>•Injury</li> </ul>	<ul style="list-style-type: none"> <li>• Diminished lighting</li> <li>• Patron – at risk behaviour</li> <li>• Patron affected by drugs/alcohol</li> <li>• Un-observed hole in ground</li> </ul>	E Rare	2 Minor Injury	E2 Low Risk	<ul style="list-style-type: none"> <li>• Consultation with SIRC</li> </ul>	<ul style="list-style-type: none"> <li>• Inspection conducted after event overlay</li> <li>• All areas cleared checked for loose items (bolts, screws and other fastenings)</li> <li>• Terrain Hazards repaired by SIRC or isolated</li> <li>• Lighting installed at central locations &amp; garden beds</li> <li>• Paths and travel corridors well lit</li> </ul>	E2 Low Risk	QDA SIRC Site Mngr
22	Amenities (Lack of)	<ul style="list-style-type: none"> <li>•Serious Illness</li> <li>•Spread of disease</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate toilets/ratio to campers</li> <li>• Inadequate toiletries</li> <li>• Inadequate cleaning regime</li> <li>• Inadequate hand cleaning station</li> </ul>	C Possible	3 Moderate Illness	C3 High Risk	<ul style="list-style-type: none"> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> <li>• Managing Major Events (Vic)</li> </ul>	<ul style="list-style-type: none"> <li>• Toilet ratio in accordance with EMA</li> <li>• Toilets cleaned regularly (cleaning plan established)</li> <li>• Hand cleaning stations installed at each amenity</li> <li>• Toiletry supplies kept on standby and kept in order</li> <li>• Security engaged to monitor toilet areas</li> <li>• Lighting installed at toilets</li> </ul>	C2 Medium Risk	QDA Cleaners Security
23	Site Lighting	<ul style="list-style-type: none"> <li>•Slip and Trip on terrain</li> <li>•Injury</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate site lighting</li> <li>• Poor placement of lights</li> <li>• Malfunction of lights</li> <li>• Poor inspection of terrain</li> <li>• Lack of isolation of hazards</li> </ul>	C Possible	2 Minor Injury	C2 Medium Risk	<ul style="list-style-type: none"> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> <li>• Managing Major Events (Vic)</li> </ul>	<ul style="list-style-type: none"> <li>• Site lighting map created</li> <li>• Lighting installed as per EMA guidelines</li> <li>• Lighting of Festival site tested and focused prior to use</li> <li>• Inspection of ground conducted after construction</li> <li>• Ground hazards repaired or isolated</li> <li>• Lighting installed at central locations to light vegetation</li> <li>• Lighting installed at barge entry/exit points</li> <li>• Lighting installed at all common areas &amp; amenities</li> </ul>	D2 Low Risk	QDA Site Mngr. Lighting Co.
24	General Construction	<ul style="list-style-type: none"> <li>•Minor Injury</li> <li>•Fall from Height</li> <li>•Serious Injury</li> <li>•Death</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate safety systems</li> <li>• Poor leadership and supervision</li> <li>• At risk behaviour of worker</li> <li>• Intentional violation of site rules</li> <li>• Non compliance with build plans</li> <li>• Non compliance with relevant codes</li> </ul>	D Unlikely	4 Serious Injury	D4 Medium Risk	<ul style="list-style-type: none"> <li>• COP – Construction Work</li> <li>• COP – Safe Design of Structures</li> <li>• COP – Managing the work environment</li> <li>• COP – Managing Electrical Risks</li> <li>• COP – Prevention of Falls</li> <li>• WHS Act 2011</li> <li>• WHS Regulation 2011</li> </ul>	<ul style="list-style-type: none"> <li>• Site Manager appointed and briefed by QDA</li> <li>• Safety Officer appointed and briefed by QDA</li> <li>• Contractor WHS Compliance system applied</li> <li>• Contractors to provide experienced supervisors</li> <li>• Contractors to work to approved build plans only</li> <li>• SWMS submitted to QDA and applied in each area</li> <li>• Site Safety Induction system applied</li> <li>• All work areas isolated from non-essential staff/visitors</li> <li>• All work monitored by site manager/safety officer</li> </ul>	D3 Medium Risk	QDA Site Mngr Safety Contractors

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Risk ID	Hazard or Risk Source	Risks – What can go wrong?	Factors which could contribute to an incident occurring.	Likelihood A to E	Degree of Harm 1- 5	Risk Level (Inherent)	State of Knowledge – What information is available or can be obtained on this risk?	Risk Controls - What can reasonably be done?	Risk Level Residual	Risk Owners
25	Plant (Mobile Powered)	<ul style="list-style-type: none"> <li>Plant roll-over</li> <li>Release of load</li> <li>Damage to assets</li> <li>Fall from EWP</li> <li>EWP strike structure</li> <li>Serious Injury</li> <li>Death</li> </ul>	<ul style="list-style-type: none"> <li>Lack of plant inspections</li> <li>Rough terrain</li> <li>Non-licensed/in-experienced operator</li> <li>Poor supervision over work area</li> <li>At risk behaviour of worker</li> <li>Lack of fall protection equipment</li> </ul>	D Unlikely	4 Serious Injury	D4 Medium Risk	<ul style="list-style-type: none"> <li>COP – Construction Work</li> <li>COP – Managing the Risks of Plant</li> <li>WHS Regulation 2011</li> <li>WorkCover NSW</li> </ul>	<ul style="list-style-type: none"> <li>Plant register established by site manager</li> <li>All Plant clearly labeled (identified by #)</li> <li>All Plant provided by reputable providers</li> <li>All Plant inspected daily and checklist completed</li> <li>Consultation with contractors to be conducted to ensure clarity over site plant requirements</li> <li>Plant travel speeds and corridors established with SIRC to prevent damage</li> <li>Plant corridors separated from general public</li> <li>Spotter used in common areas at all times</li> <li>Strict key sign out system applied by site manager</li> <li>All operators to provide high risk license for EWP or Yellow Card (scissor, &lt;11M EWP)</li> <li>All EWP to be operated by licensed operators only</li> <li>Fall protection must be worn in EWP at all times and operator to stay attached</li> <li>All workers removed from EWP operating areas (as much as practicable)</li> <li>All ground crew to wear head protection in and around operating EWP</li> </ul>	D3 Medium Risk	QDA Site Mngr Contractors Workers  Campsite
26	Plant (Chain Hoists)	<ul style="list-style-type: none"> <li>Release of load</li> <li>Damage to assets</li> <li>Serious Injury</li> <li>Death</li> </ul>	<ul style="list-style-type: none"> <li>Non-licensed/in-experienced operator</li> <li>Poor supervision over usage</li> <li>Poor maintenance and testing</li> <li>Poor inspection regime</li> <li>Incorrect use/lifting methods</li> </ul>	E Rare	4 Serious Injury	E4 Medium Risk	<ul style="list-style-type: none"> <li>COP – Construction Work</li> <li>COP – Managing the Risks of Plant</li> <li>WHS Regulation 2011</li> </ul>	<ul style="list-style-type: none"> <li>All chain hoists/blocks must be rated for the intended use on the production</li> <li>All chain hoists/blocks must be used in accordance with manufacturers guidelines</li> <li>All chain hoists must have current electrical test/tag</li> <li>All chain hoists must have valid (&lt;12months) load test certificate</li> <li>All rigging hardware must be rated with SWL or WLL clearly visible</li> </ul>	E4 Medium Risk	QDA Contractors  Campsite
27	Work at Height	<ul style="list-style-type: none"> <li>Rope or knot failure</li> <li>Climbing hardware failure</li> <li>Equipment displacement</li> <li>Fall from Height</li> <li>Serious Injury</li> <li>Death</li> </ul>	<ul style="list-style-type: none"> <li>Non-licensed/in-experienced operator</li> <li>Poor supervision over usage</li> <li>Poor maintenance and testing</li> <li>Poor inspection regime</li> <li>Incorrect use/lifting methods</li> </ul>	E Rare	5 Death	E5 High Risk*	<ul style="list-style-type: none"> <li>COP – Construction Work</li> <li>COP – Managing the Risks of Falls</li> <li>WHS Regulation 2011</li> </ul>	<ul style="list-style-type: none"> <li>All contractors must provide evidence of <i>work at height</i> procedures in their safety system</li> <li>All WAH must be approved by site/production manager</li> <li>Prior to WAH – assessment of task, risks and controls to be conducted and permit issued</li> <li>Selection of workers to conduct WAH must</li> <li>Full body harness and lanyard/positioning system must be used when workers are climbing, building scaffold structures and other work +2m.</li> <li>Elevated work platforms must be considered, selected and operated wherever practicable</li> <li>Installation of décor, theming and other items at height subject to risk assessment and coordinated by licensed rigger and production manager</li> <li>Vertical and horizontal fall protection systems – rope or inertia reels must be installed at all caving ladders and truss structures where climbing will take place</li> <li>Climbing riggers/scaffolders and ground crew must wear head protection during all WAH</li> <li>Work areas below WAH must be isolated to prevent unauthorized or unnecessary access</li> <li>Workers Above signage must be installed at ground level – consider the use of beacons</li> </ul>	E4 Medium Risk	QDA Contractors Workers  Campsite

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28	Scaffolding	<ul style="list-style-type: none"> <li>•Collapse of structure</li> <li>•Displacement (during winds)</li> <li>•Fall from Height</li> <li>•Serious Injury</li> <li>•Death</li> </ul>	<ul style="list-style-type: none"> <li>• Non-licensed/in-experienced scaffolder</li> <li>• Poor supervision over work teams</li> <li>• Poor maintenance and inspection</li> <li>• Incorrect assembly methods</li> <li>• Poorly written SWMS</li> <li>• Poor application of SWMS</li> <li>• At risk behavior of worker</li> <li>• Incorrect use of fall protection</li> </ul>	E Rare	5 Death	E5 High Risk*	<ul style="list-style-type: none"> <li>•COP – Construction Work</li> <li>•COP – Scaffolding</li> <li>•COP – Managing the Risks of Falls</li> <li>•WHS Regulation 2011</li> <li>•AS-NZS-4576-1995 Guidelines for Scaffolding</li> </ul>	<ul style="list-style-type: none"> <li>• All contractors involved in scaffolding must provide <i>high risk licenses</i> for their workers</li> <li>• All scaffolding work subject to risk assessment and in accordance with submitted SWMS</li> <li>• All workers must be formally instructed in the SWMS and a <u>signed copy</u> provided to site manager</li> <li>• All scaffolding designs/plans must be reviewed by qualified engineer and a design certificate issued prior to construction.</li> <li>• All scaffolding structures must be completed prior to moving onto other structures.</li> <li>• Work areas must be isolated to prevent unauthorized access</li> <li>• Incomplete signs must be installed where structures are not finished</li> <li>• All scaffolders must wear full body harnesses and use work positioning system/lanyards above 2M</li> <li>• Designers of scaffold structures must provide a written safety report/risk assessment that clearly identifies the hazards and risks associated with the structure.</li> <li>• Engineering inspection must be conducted after completion and inspection certificate issued</li> </ul>	E4 Medium Risk	QDA Contractors Workers  Campsite
29	Hazard Manual Tasks	<ul style="list-style-type: none"> <li>•Muscular skeletal disorder</li> <li>•Serious Injury</li> </ul>	<ul style="list-style-type: none"> <li>• Poor supervision over work teams</li> <li>• Poorly written SWMS</li> <li>• Poor application of SWMS</li> <li>• At risk behavior of worker</li> <li>• Lack of available plant</li> </ul>	C Possible	3 Moderate Injury	C3 High Risk*	<ul style="list-style-type: none"> <li>•COP – Hazardous Manual Tasks</li> <li>•WHS Regulation 2011</li> </ul>	<ul style="list-style-type: none"> <li>• All contractors must incorporate safe <i>manual handling procedures</i> into submitted safety system</li> <li>• All contractors must ensure adequate labour for their respective work</li> <li>• All contractors must ensure supervision of their work teams is provided at all times</li> <li>• Equipment is to be delivered to event site in manageable sizes, weights and quantities</li> <li>• Forklifts hired for the production (bump in/out) to be suitable SWL and Type.</li> <li>• All large sets and props to be carefully moved and handled by workers</li> <li>• All workers must stop – assess pathway, weight and lifting technique prior to lifting</li> <li>• All workers must restrict over reaching, twisting and carrying excessive distances</li> <li>• All workers must seek assistance for any large, bulky or oversized object</li> </ul>	C2 Medium Risk	QDA Contractors Workers  Campsite
30	Vehicle or Truck (Bogged)	<ul style="list-style-type: none"> <li>•Damage to Environment</li> <li>•Vehicle stuck and further extraction required</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy Rain and Storms</li> <li>• Oversized vehicle</li> <li>• At risk behaviour of worker</li> <li>• Intentional violation of site rules</li> </ul>	D Unlikely	3 Moderate Harm	D3 Medium Risk	<ul style="list-style-type: none"> <li>• Consultation with SIRC</li> <li>• Anemometer at Festival site</li> <li>• Ubi-met meteorologist report</li> <li>• Master delivery schedule</li> </ul>	<ul style="list-style-type: none"> <li>• Master Delivery Schedule developed and approved</li> <li>• All vehicle movement in accordance with MDS</li> <li>• Vehicle corridors to festival stages identified</li> <li>• Oversized vehicles escorted through venue</li> <li>• Vehicle size, type and weights restricted</li> <li>• 30T limit on SIRC Bridge strictly managed</li> </ul>	D2 Low Risk	QDA Site Mngr. Contractors
31	Pyrotechnics - General	<ul style="list-style-type: none"> <li>•Burns to workers/patrons</li> <li>•Fire spread to facilities</li> <li>•Serious Injury</li> <li>•Death</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate isolation</li> <li>• Operation malfunction</li> <li>• At risk behaviour of patron</li> <li>• Miss fire or product failure</li> <li>• Pyro fall out or debris</li> </ul>	E Rare	4 Serious Injury	E4 Medium Risk	<ul style="list-style-type: none"> <li>• Safety Data Sheets</li> <li>• Consultation with SIRC</li> <li>• Consultation with Rural Fire Service</li> <li>• Consultation with SFX provider</li> <li>• Monitoring of RFS Fire Bans</li> <li>• Monitoring of winds</li> </ul>	<ul style="list-style-type: none"> <li>• Experienced SFX provider engaged</li> <li>• Risk Assessment supplied/applied by provider</li> <li>• Operators licensed for pyrotechnics/SFX</li> <li>• All fireworks handled/stored in accordance with SDS</li> <li>• CASA notification and approval verified</li> <li>• All firing positions checked and made safe</li> <li>• Proximity to buildings established (safe distancing)</li> <li>• Portable FFE provided by SFX provider</li> <li>• RFS/NSW Fire consulted and response vehicle deployed at the event</li> </ul>	E3 Medium Risk	QDA SFX RFS

Risk ID	Hazard or Risk Source	Risks – What can go wrong?	Factors which could contribute to an incident occurring.	Likelihood A to E	Degree of Harm 1- 5	Risk Level (Inherent)	State of Knowledge – What information is available or can be obtained on this risk?	Risk Controls - What can reasonably be done?	Risk Level Residual	Risk Owners
32	Noise	<ul style="list-style-type: none"> <li>Noise complaints</li> <li>Disturbance of fauna</li> <li>Temporary hearing loss</li> <li>Noise induced hearing loss</li> </ul>	<ul style="list-style-type: none"> <li>Poor communication with residents</li> <li>Lack of control of PA/audio system</li> <li>Poor focus/direction of PA system</li> <li>Intentional misuse of equipment</li> <li>Lack of noise assessment</li> <li>Lack of hearing protection</li> <li>At risk behavior of workers</li> </ul>	D Unlikely	2 Minor Harm	D2 Low Risk	<ul style="list-style-type: none"> <li>POEO Act</li> <li>EPA Guidelines</li> <li>Noise Guide for Local Government</li> <li>Code of Practice Noise Management &amp; Protection of Hearing at Work.</li> </ul>	<ul style="list-style-type: none"> <li><b>Noise Management Plan</b> developed &amp; implemented</li> <li>Acoustic contour map developed for PA system</li> <li>PA system directed in accordance with contour map</li> <li>Residents advised of event (local advertisement)</li> <li>Immediate residents notified by mail</li> <li>Noise monitored/measured at any sensitive areas</li> <li>Audio levels and frequencies adjusted during event</li> <li>Noise Control Policy established and implemented for all contractors and their subsequent trade</li> <li>Hearing protectors suitable for the noise level - made available and used across the site by workers</li> <li>Contractors involved in work that generates noise levels above 85 Db(A) must ensure HPD are worn</li> </ul>	D2 Low Risk	QDA PA Supplier Acoustic Contractors
33	Transport & Traffic Management (General)	<ul style="list-style-type: none"> <li>Local congestion</li> <li>Complaints</li> <li>Blockage of road network</li> <li>Vehicle accident/collision</li> <li>Injury or death of patron</li> <li>Injury or death of worker</li> </ul>	<ul style="list-style-type: none"> <li>Poor planning &amp; application of TCP</li> <li>Lack of consultation</li> <li>Inadequate VMS or radio system</li> <li>Inadequate Signage &amp; Equipment</li> <li>Inadequate traffic controllers</li> <li>Poor response procedures</li> <li>Loss of crowd control</li> <li>Inadequate lighting and way finding</li> </ul>	D Unlikely	4 Serious Injury	D4 Medium Risk	<ul style="list-style-type: none"> <li>RMS Special Event Guide</li> <li>SWA – Traffic Management Guide for Events</li> <li>COP – Traffic Management in Workplaces</li> <li>Crowd Control at Events (Vic)</li> </ul>	<ul style="list-style-type: none"> <li>Consultation with Police/RMS/SIRC conducted to ensure 2015 TMP is adjusted to reflect issues from 2014 event.</li> <li>Transport/Traffic Management Plan (TMP) developed and approved by RMS/Police/QDA</li> <li>Traffic routes must be clearly identified in TMP</li> <li>Emergency vehicle access clearly identified in TMP</li> <li>Road Occupancy License (ROL) obtained as per TMP</li> <li>TMP to include risk assessment and clear identification of traffic related hazards and risks</li> <li>TCP included in TMP to be installed/removed and managed accordingly by provider</li> <li>Traffic controllers must be licensed and apply TCP in accordance with instructions/TCP design</li> <li>VMS, lighting and infrastructure must be installed as per final approved TMP</li> <li>Police deployed to assist with specific TCP</li> <li>Residents notified of event times (via VMS) and local advertising package</li> <li>All traffic supervisors and controllers to be issued two – way radios and communication protocol established</li> </ul>	D4 Medium Risk	QDA Traffic Manager
34	Transport (Bus Operations)	<ul style="list-style-type: none"> <li>Local congestion</li> <li>Blockage of road network</li> <li>Complaints</li> <li>Serious Injury of patron/worker – hit by bus</li> </ul>	<ul style="list-style-type: none"> <li>Poor planning &amp; application of TCP</li> <li>Lack of consultation and correction of 2014 issues</li> <li>Inadequate buses and bus management staff</li> <li>Inadequate customer service staff</li> <li>Lack of experienced medical staff</li> <li>Overcrowding at bus loading areas</li> <li>Extreme weather occurrence – rain</li> <li>Lack of infrastructure and on ground management of crowd loading</li> </ul>	D Unlikely	4 Serious Injury	D4 Medium Risk	<ul style="list-style-type: none"> <li>RMS Special Event Guide</li> <li>SWA – Traffic Management Guide for Events</li> <li>COP – Traffic Management in Workplaces</li> <li>Crowd Control at Events (Vic)</li> </ul>	<ul style="list-style-type: none"> <li>Consultation with Police/Council/Rail conducted to ensure 2015 bus operations are adjusted to reflect issues with 2014 event.</li> <li>Transport/Traffic Management Plan (TMP) developed and approved by RMS/Police</li> <li>All bus operations in accordance with final TMP and managed on ground by traffic &amp; bus provider</li> <li>Bus operations subject to risk assessment by the traffic provider. Detailed information on hazards and risks (and their management) to be incorporated into TMP</li> <li>TCP for bus operations at Penrith Station and SIRC to clearly indicate infrastructure and human resources</li> <li>Lighting, barriers, fencing and way finding installed at Penrith Station and SIRC in accordance with TCP</li> <li>Bus master schedule developed and located at Penrith Station and SIRC</li> <li>Reputable and experienced bus provider engaged to provide buses and bus management staff</li> <li>Bus operator (manager) to remain at Penrith Station and SIRC during bus operation periods</li> <li>Customer service staff deployed at Penrith Station and SIRC to assist with queuing</li> <li>Medical staff deployed at Penrith Station</li> <li>All bus drivers briefed by traffic provider on operations, schedule and reporting protocols</li> <li>Procedure for bus breakdown established and agreed</li> </ul>	D4 Medium Risk	QDA Traffic Manager Bus Operator

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35	Train Station/Trains – Human Behaviour	<ul style="list-style-type: none"> <li>Disturbance of commuters</li> <li>Excessive noise on train</li> <li>Conflict with commuters</li> <li>Fall onto track</li> <li>Injury or death of patron</li> </ul>	<ul style="list-style-type: none"> <li>Lack of consultation</li> <li>Excessive patrons on train station</li> <li>Poor security and lack of Police</li> <li>Clash with other commuters</li> <li>At risk behaviour of patrons</li> <li>Patrons affected by alcohol/drugs</li> </ul>	C Possible	2 Minor Injury	C2 Medium Risk	<ul style="list-style-type: none"> <li>Consultation with Sydney Rail &amp; Police</li> <li>Historical facts/reports prior events</li> </ul>	<ul style="list-style-type: none"> <li>Security and Police deployed to Penrith Station</li> <li>Medical Team deployed to Penrith Station (peak times)</li> <li>Crowd management plan developed/applied at Penrith Station for mass arrival and train boarding</li> <li>Equipment and infrastructure</li> <li>Additional Police deployed onto trains</li> </ul>	C2 Medium Risk	QDA Police Sydney Rail Medical
36	Pedestrian Movement	<ul style="list-style-type: none"> <li>Patrons on road</li> <li>Vehicle/Person collision</li> <li>Injury or death of patron/s</li> </ul>	<ul style="list-style-type: none"> <li>Inadequate way finding</li> <li>Poor lighting and infrastructure</li> <li>Inadequate traffic staff and Security</li> <li>Overcrowding and pushing by patrons at intersections</li> <li>Loss of control by traffic and Police</li> </ul>	C Possible	4 Serious Injury	C4 High Risk	<ul style="list-style-type: none"> <li>RMS Special Event Guide</li> <li>Road Transport Act 2013</li> <li>Consultation with Police, RMS</li> <li>SWA – Traffic Management Guide for Events</li> <li>COP – Traffic Management in Workplaces</li> <li>Crowd Control at Events (Vic)</li> </ul>	<ul style="list-style-type: none"> <li>Pedestrian control plan incorporated into TMP</li> <li>Establish crowd control point in accordance with TMP</li> <li>Establish pedestrian corridors and assess for underlying hazards, lighting and general suitability</li> <li>Deploy traffic equipment and traffic control staff</li> <li>Deploy NSW Police Officers and Vehicles</li> <li>Install portable lights at areas of concern (as required)</li> <li>Install water filled barriers and mesh barriers in accordance with final TCP</li> <li>Restrict patrons from road network at all ingress/egress areas by bringing buses and vehicles into the venue or defined areas within Penrith Station</li> <li>Create a mini bus loop (TMP 3.3.1) and implement</li> <li>Install way finding signage, and VMS to direct patrons on foot through SIRC</li> </ul>	D4 Medium Risk	QDA Traffic Manager Security
37	Post Event Egress – Traffic Management Failure	<ul style="list-style-type: none"> <li>Blockage of road network</li> <li>Patrons on road</li> <li>Vehicle/Person collision</li> <li>Injury or death of patron/s</li> </ul>	<ul style="list-style-type: none"> <li>Inadequate way finding &amp; VMS</li> <li>Poor lighting and infrastructure</li> <li>Inadequate traffic staff and Security</li> <li>Lack of visible Police presence</li> <li>Overcrowding and pushing by patron/s</li> <li>Fight between patrons</li> <li>Delays in bus loading</li> </ul>	C Possible	4 Serious Injury	C4 High Risk	<ul style="list-style-type: none"> <li>RMS Special Event Guide</li> <li>Road Transport Act 2013</li> <li>Consultation with Police, RMS, TMC</li> <li>SWA – Traffic Management Guide for Events</li> <li>COP – Traffic Management in Workplaces</li> <li>Crowd Control at Events (Vic)</li> </ul>	<ul style="list-style-type: none"> <li>Maintain music at Stage 1 (post 10pm) to reduce crowd movement volume</li> <li>Security and Police deployed to Car Park &amp; Penrith Station</li> <li>SIRC car park egress plan and bus service implemented at SIRC in accordance with TMP</li> <li>Medical Team deployed to Penrith Station</li> <li>Buses pre-stacked and queued for mass loading</li> <li>Patrons queued for buses using barrier/fencing</li> <li>Buses loaded and moved as quickly as possible</li> <li>Security deployed to maintain order and to restrict patrons from accessing road</li> <li>PA system in operation to speak to crowd</li> <li>Lighting installed at loading areas</li> <li>Way finding, and VMS set up to direct crowds to event bus shuttle loading areas, mini loop service, private vehicles or charter buses</li> </ul>	D4 Medium Risk	QDA Traffic Manager Security
38	Security Management – Patron Behaviour	<ul style="list-style-type: none"> <li>Fights</li> <li>Theft of property</li> <li>Criminal Activity</li> <li>Tampering with equipment</li> <li>Stage Breach</li> <li>Drug dealing</li> <li>Injury to Patron</li> </ul>	<ul style="list-style-type: none"> <li>Poor planning &amp; application of SMP</li> <li>Lack of consultation (Police/SIRC)</li> <li>Inadequate security guard ratio</li> <li>Inadequate security team leaders</li> <li>Inadequate security equipment</li> <li>Poor response procedures</li> <li>Loss of crowd control</li> </ul>	C Possible	3 Moderate Injury	C3 High Risk	<ul style="list-style-type: none"> <li>WA Guidelines for Concerts &amp; Events</li> <li>EMA Safe and Healthy Mass Gatherings</li> <li>Managing Major Events (Vic)</li> <li>Security Industry Act 1997</li> <li>NSW Gov Premier &amp; Cabinet</li> <li>Consultation with NSW Police</li> </ul>	<ul style="list-style-type: none"> <li>Security Management Plan developed and applied</li> <li>Security risk assessment included in SMP</li> <li>Guard positions and duties established</li> <li>All guards briefed on duties and reporting protocols</li> <li>Security Management team located in ECC</li> <li>Security guards deployed in accordance with SMP</li> <li>Procedures for early intervention established</li> <li>Procedures for criminal activity established</li> <li>Security response teams deployed to event zones</li> </ul>	C2 Medium Risk	QDA Security
39	Security Management - Overcrowding	<ul style="list-style-type: none"> <li>Injury to patron/s</li> <li>Death</li> </ul>	<ul style="list-style-type: none"> <li>Poor planning &amp; application of SMP</li> <li>Inadequate CCTV</li> <li>Inadequate crowd surveillance</li> <li>Loss of crowd control</li> <li>Excessive crowd in zone</li> <li>Lack of infrastructure for diversion</li> </ul>	C Possible	3 Moderate Injury	C3 High Risk	<ul style="list-style-type: none"> <li>WA Guidelines for Concerts &amp; Events</li> <li>EMA Safe and Healthy Mass Gatherings</li> <li>Managing Major Events (Vic)</li> <li>Security Industry Act 1997</li> <li>Consultation with Police</li> </ul>	<ul style="list-style-type: none"> <li>Security Management Plan developed and applied</li> <li>CCTV installed at ECC for crowd surveillance*</li> <li>Security team leaders deployed to event zones</li> <li>Crowds monitored in all event zones</li> <li>Crowd build up reported to ECC &amp; Police</li> <li>Lockdown procedures developed and implemented for event zone closures</li> <li>Event zones locked down and crowds diverted to alternate areas as required</li> </ul>	C2 Medium Risk	QDA Security



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Risk ID	Hazard or Risk Source	Risks – What can go wrong?	Factors which could contribute to an incident occurring.	Likelihood A to E	Degree of Harm 1- 5	Risk Level (Inherent)	State of Knowledge – What information is available or can be obtained on this risk?	Risk Controls - What can reasonably be done?	Risk Level Residual	Risk Owners
40	Security Management – Response Failure (ECC)	<ul style="list-style-type: none"> <li>•Delayed response</li> <li>•Injury to patron/security</li> <li>•Damage to venue assets</li> </ul>	<ul style="list-style-type: none"> <li>• Poor planning &amp; application of SMP</li> <li>• Inadequate zone security leadership</li> <li>• Inadequate crowd surveillance</li> <li>• Inadequate security briefings</li> <li>• Poor briefings to security</li> <li>• Poor response procedures</li> </ul>	C Possible	3 Moderate Injury	C3 High Risk	<ul style="list-style-type: none"> <li>• WA Guidelines for Concerts &amp; Events</li> <li>• EMA Safe and Healthy Mass Gatherings</li> <li>• Managing Major Events (Vic)</li> <li>• Security Industry Act 1997</li> <li>• NSW Gov Premier &amp; Cabinet</li> </ul>	<ul style="list-style-type: none"> <li>• Security Management Plan developed and applied</li> <li>• Security Management located in ECC</li> <li>• Security response teams tasked with specific event zones and deployed accordingly</li> <li>• Liaison with NSW Police maintained via ECC</li> <li>• Security responses to incidents rehearsed/documentated</li> </ul>	C2 Medium Risk	QDA Security ECC
41	Personal Watercraft Jet Ski/Jet Pack	<ul style="list-style-type: none"> <li>•PWC breakdown</li> <li>•PWC collision with shore</li> <li>•PWC collision with PWC</li> <li>•Serious Injury to rider or patron</li> <li>•Drowning</li> </ul>	<ul style="list-style-type: none"> <li>• Poor separation of water craft</li> <li>• At risk behaviour of rider</li> <li>• Excessive Speeds</li> <li>• Diminished lighting</li> <li>• Lack of PFD</li> </ul>	E Rare	5 Death	E5 High Risk*	<ul style="list-style-type: none"> <li>• Consultation with SIRC/H20</li> <li>• Consultation with Wollongong First Aid</li> <li>• RMS Boating Handbook</li> <li>• Australian Maritime Safety Authority</li> </ul>	<ul style="list-style-type: none"> <li>• PWC operations subject to risk assessment</li> <li>• All PWC must be registered, operable and safe</li> <li>• All PWC must be operated by licensed operators</li> <li>• All persons on a PWC must wear a life jacket</li> <li>• PWC operation is to be confined to an agreed exclusion zone and travel corridor</li> <li>• PWC speeds controlled to SIRC limits</li> <li>• All PWC operations must cease after sunset</li> <li>• Patrons to be briefed on safe operation/use</li> <li>• Patrons screened for signs of intoxication and reported to security</li> </ul>	E4 Medium Risk	QDA H20
42	Watercraft/Vessel Operation	<ul style="list-style-type: none"> <li>•Vessel breakdown</li> <li>•Vessel collision with shore</li> <li>•Vessel collision with PWC</li> <li>•Vessel collision with person</li> <li>•Serious Injury</li> <li>•Drowning</li> </ul>	<ul style="list-style-type: none"> <li>• Poor separation of water craft</li> <li>• At risk behaviour of operator</li> <li>• Excessive Speeds</li> <li>• Diminished lighting</li> <li>• Lack of PFD</li> <li>• Delay in management of injury</li> <li>• Inability to locate person in water</li> </ul>	E Rare	5 Death	E5 High Risk*	<ul style="list-style-type: none"> <li>• Consultation with SIRC/H20</li> <li>• Consultation with Wollongong First Aid</li> <li>• RMS Boating Handbook</li> <li>• Australian Maritime Safety Authority</li> </ul>	<ul style="list-style-type: none"> <li>• Vessels to operate in accordance with safety management plan (submitted to QDA)</li> <li>• All vessel operations subject to risk assessment – hazards and risks to be clearly identified and managed accordingly</li> <li>• All vessels must be registered, operable and safe</li> <li>• All vessels must be operated by licensed operators</li> <li>• All persons on a vessel must wear a life jacket</li> <li>• Vessel speeds controlled to agreed SIRC limits</li> <li>• Rescue vessels to be fitted with search lights and first aid kit (trauma)</li> </ul>	E4 Medium Risk	QDA H20
43	Aquatic Rescue (Failure)	<ul style="list-style-type: none"> <li>•Injury</li> <li>•Drowning</li> </ul>	<ul style="list-style-type: none"> <li>• At risk behaviour of patron</li> <li>• Poor application of rescue plan</li> <li>• Communication failure during incident</li> <li>• Poor response procedures</li> <li>• Lack of rehearsals/testing</li> <li>• Lack of experienced life savers</li> <li>• Lack of watercraft</li> </ul>	D Unlikely	5 Death	D5 High Risk	<ul style="list-style-type: none"> <li>• Consultation with SIRC/H20</li> <li>• Consultation with Wollongong First Aid</li> <li>• RMS Boating Handbook</li> <li>• Australian Maritime Safety Authority</li> </ul>	<ul style="list-style-type: none"> <li>• Emergency Plan developed and implemented</li> <li>• Medical, aquatic rescue plans located in ECC</li> <li>• ECC team established and formally briefed on roles and procedures for response</li> <li>• Scenario training delivered for ECC team members</li> <li>• Scenario training delivered for Aquatic rescue team</li> <li>• Water rescue (day and night) rehearsed with lifesavers and persons in water</li> <li>• All lifesavers briefed on operations, patrols, reporting and general safety</li> </ul>	D4 Medium Risk	QDA WFA