



# Environmental and Safe Work Method Statement (ESWMS) Coco Poco Loco – Rainbow Serpent Festival 2017

<b>Overview:</b>	<p>In 2017 Coco Poco Loco will be returning to Rainbow serpent Festival, bringing our Art Car which will serve as a mobile sound stage and cocktail bar. The CPL Art Car consists of 3 metal trolleys with structural plywood tops and off-road castor wheels designed and constructed by a qualified engineer. Each trolley has been designed to support 1.5t of weight, far in excess of actual load. The Art Car will be moved by a Taylor Dunn tow vehicle with a low gear and brakes capable of stopping the entire platform. Power is proposed to be a Honda silenced 6.5 kVA petrol generator / inverter.</p> <p>Coco Poco Loco will run three events over the course of the festival on Thursday, Friday and Sunday nights.</p>		
<b>Key Risk Areas:</b>	<ul style="list-style-type: none"> <li>• Mobile Plant</li> <li>• Electricity</li> <li>• Flammable Substances</li> <li>• Service of alcohol</li> </ul>		
<b>Location:</b>	Lexton – RSF 2017	<b>Dates of activities:</b>	25-31 January 2017
<b>ESWMS Prepared by:</b>	Nick Woodford	<b>Date:</b>	26 November 2016
<b>Reviewed by:</b>	Daniel Woodford Fin McCarthy	<b>Date:</b>	27 November 2016 26 November 2016

Tasks	Risks	Risk Rating	Control Measures	Residual Risk Rating
<b>Mobilisation / Demobilisation</b>	Vehicle accidents	E	<ul style="list-style-type: none"> <li>• Follow Victorian road rules</li> <li>• Ensure all vehicles are serviceable and suitable for task</li> <li>• Adhere to trailer towing restrictions</li> </ul>	M
	Shifting loads causing unsafe driving conditions	H	<ul style="list-style-type: none"> <li>• Ensure loads are correctly distributed.</li> <li>• Ensure loads are secured and cannot shift during transport.</li> </ul>	L
	Pedestrian collisions in camp area	E	<ul style="list-style-type: none"> <li>• Follow Victorian road rules</li> <li>• Follow Festival road rules</li> <li>• Use hazard lights whilst moving around site</li> <li>• Stick to designated tracks</li> </ul>	L
<b>Theme Camp Setup</b>	Physical injury due to manual handling	M	<ul style="list-style-type: none"> <li>• Share heavy loads</li> <li>• Avoid repetitive tasks</li> <li>• Use correct lifting techniques</li> </ul>	L



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	Sunburn / heatstroke / dehydration / hypothermia due to weather conditions	M	<ul style="list-style-type: none"> <li>• Use of sunscreen / hats / suitable clothing where appropriate</li> <li>• Keep hydrated</li> <li>• Regular breaks</li> </ul>	L
	Slips / trips / falls / cuts due to camp layout (including star pickets / pegs / guy ropes)	H	<ul style="list-style-type: none"> <li>• Keep camp area tidy</li> <li>• Provide adequate lighting at night</li> <li>• Ensure star picket / peg tops are capped</li> <li>• Barricade back of house area to limit pedestrian traffic</li> </ul>	L
	Electrocution through use of supplied diesel generator	E	<ul style="list-style-type: none"> <li>• Ensure all power is protected by an RCD</li> <li>• Weather proof connections where not undercover</li> <li>• Use cable guard across road / walk way</li> </ul>	L
	Theft of equipment	M	<ul style="list-style-type: none"> <li>• Lock all equipment in container or cars when camp is unsupervised</li> </ul>	L
Art Car Setup	Physical injuries during construction (including through use of power tools)	H	<ul style="list-style-type: none"> <li>• Ensure all crew are trained</li> <li>• Ensure appropriate equipment is used for each task</li> <li>• Ensure all equipment is in good working order</li> <li>• Use appropriate PPE (i.e. eye / hearing protection)</li> <li>• All ladders should be in sound condition and used on even ground. Do not use top rungs.</li> </ul>	L
	Risk of fire due to hot works	E	<ul style="list-style-type: none"> <li>• Do not conduct high risk hot works such as angle grinding</li> <li>• Keep fire extinguishers in immediate vicinity of any works that could generate heat / sparks (power tools etc)</li> </ul>	M
	Physical injuries from pinch points and articulating parts	H	<ul style="list-style-type: none"> <li>• Ensure trailer hitches are protected from jack-knifing using rubber bumpers.</li> </ul>	L
Use of petrol generator	Electrocution	E	<ul style="list-style-type: none"> <li>• Ensure all power is protected by an RCD</li> <li>• Weather proof connections where not undercover</li> <li>• Review cable routing to ensure cables are clear of articulation / moving parts</li> <li>• Do not use during significant rain events.</li> <li>• Inspect cabling after any rain</li> </ul>	L



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	Risk of fire due to hot exhaust	E	<ul style="list-style-type: none"> <li>Ensure generator is serviced before use</li> <li>Ensure exhaust is at least 1m above ground</li> <li>Whenever art car is stopped check no high grass or vegetation is near generator exhaust</li> <li>Fire extinguisher to be mounted in close proximity to generator</li> </ul>	M
	Risk of fire during re-fuelling	E	<ul style="list-style-type: none"> <li>Generator to be switched off, unplugged and removed from art car prior to refuelling</li> <li>Refuelling to be conducted by at least three crew</li> <li>Fire extinguisher to be removed from mount and ready for use during refuelling.</li> <li>Appropriate funnel / equipment to be used when re-fuelling</li> </ul>	M
	Risk of fire / explosion due to storage of fuel	E	<ul style="list-style-type: none"> <li>Fuel to be stored in appropriate containers</li> <li>Fuel containers to be kept in CPL container or in RSF compound when not required.</li> </ul>	M
Art Car Movement	Pedestrian collisions in camp area	H	<ul style="list-style-type: none"> <li>Follow Festival road rules</li> <li>Art car to be well lit whilst moving (including high wattage LED headlight)</li> <li>Art car to be limited to walking speed</li> <li>Additional crew to be present when moving art car to ensure way is clear and festival goers are kept away from vehicle.</li> </ul>	L
	Physical injury through pinch points / articulations in trailer	H	<ul style="list-style-type: none"> <li>All crew / festival goers to be kept clear of articulating parts.</li> <li>Ensure trailer hitches are protected from jack-knifing using rubber bumpers.</li> </ul>	L
	Physical injury due to crushing in narrow access areas	H	<ul style="list-style-type: none"> <li>Additional crew to be present when moving art car to ensure way is clear and festival goers are kept away from vehicle.</li> <li>Gate access to be requested from RSF</li> </ul>	L
Event Setup	Damage / interference with art installations	H	<ul style="list-style-type: none"> <li>Setup for events to be in open areas away from structures / art pieces</li> <li>Events to be held in pre-agreed locations with RSF staff</li> </ul>	L
	Physical injury from falling braches	M	<ul style="list-style-type: none"> <li>Setup for events to be in open areas away from overhanging branches</li> </ul>	L




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Tasks	Risks	Risk Rating	Control Measures	Residual Risk Rating
	Slips trips from uneven ground	M	<ul style="list-style-type: none"> <li>Inspect event area and position art car facing most even ground surface</li> </ul>	L
Running Events	Impact to neighbours from sound	M	<ul style="list-style-type: none"> <li>Consult with RSF and operate sound system during festival running hours only</li> </ul>	L
	Service of alcohol leading to intoxication	M	<ul style="list-style-type: none"> <li>Service of alcohol to be in accordance with Victorian state laws</li> <li>RSF security to be notified of location and time for each event</li> </ul>	L
	Risk to general wellbeing of festival goers	M	<ul style="list-style-type: none"> <li>Provide drinking water for festival goers</li> <li>Be aware of harassment (sexual / physical)</li> <li>Provide additional support for festival goers as required</li> <li>Crew to be aware of the location of festival medical services</li> </ul>	L
Event Close Down	Impact to environment due to waste	M	<ul style="list-style-type: none"> <li>Encourage festival goers to take all rubbish with them at end of event</li> <li>Clean up event area prior to departure</li> </ul>	L
	Theft of equipment / interference with art car after use	M	<ul style="list-style-type: none"> <li>Tow vehicle locked</li> <li>Key equipment packed into container and locked</li> <li>Chocks under wheels</li> </ul>	L
Theme Camp / Art Car Pack Down	Impact to environment due to waste	M	<ul style="list-style-type: none"> <li>All camp members to clean individual camp sites prior to departure.</li> <li>Shared areas and individual camps to be emu-bobbed by crew.</li> <li>LEAVE NO TRACE</li> </ul>	L



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Risk Matrix							
 <p>E – Extreme Risk H – High Risk M – Medium Risk L – Low Risk</p>			Consequence				
			Insignificant	Minor	Moderate	Major	Catastrophic
			Injury or ailment not requiring medical treatment	Minor injury requiring first aid	Serious injury requiring hospitalisation or multiple medical treatment	Life threatening injury or multiple serious injuries	Fatality or multiple life threatening injuries
Likelihood	Almost Certain	Expect to occur in most circumstances	M	H	H	E	E
	Likely	Will probably occur	M	M	H	H	E
	Possible	Might occur sometime given a long timeframe	L	M	M	H	E
	Unlikely	Could occur but doubtful	L	M	M	H	H
	Rare	Only likely to occur in exceptional circumstances	L	L	M	M	H