

## Operation Laser Tag – Risk Assessment

Location On site at Powerplay and off site at various locations		Date 15/5/11 Inspection SB/TP	Review date 1/6/12	
<b>Carried out by:</b> Steven Bull <b>Off site games - to be carried out prior to commencement of event</b>		<b>Authorised by:</b> Steve Bull <b>Signature:</b>	Last review 15/5/11	
<u>KNOWN HAZARD</u>	<u>HAZARD AND CONTROLS</u>	<u>COMMENTS / POSSIBLE EFFECTS</u>		
<b>Machinery</b>	Suitable and used for intended purpose.			
	Used and maintained by competent personnel,			
	Used and maintained by competent personnel,			
	Nips, trapping, impact, ejection.			
	Contact with moving parts.			
<b>Environment</b>	Thermal environment.(Hot or Cold)			
	Poor access/ egress.			
	Lighting			
	Uneven surfaces	<u>Players must be made aware if the surface is uneven</u>		
	Wet/icy surfaces	<u>Players must be made aware of slipper surfaces</u>		
	Loose surfaces			
	Slips trips and falls.	<u>Make players aware of any risks</u>		
<b>Electricit</b>	Electricity supply			
	Static electricity			
	Electrical equipment	All equipment checked by an electrician		
	Controls-Start/ stop/ emergency stop/ reset.	RCD checked on the generator		
	Generator	Visually checked by an electrician		
<b>Physical</b>	Manual handling	Guidance leaflet issued		
	Poor posture (cramped conditions).			
	Vibration.			
	Noise.			
	Using hand/ power tools.			
<b>Vehicles</b>	Tested and within test date	Yes		
	Checked prior to use	By the driver		
	Suitable for intended task			
	Driven by qualified and competent drivers	Restricted to 4 named drivers		
	Adequate parking	Yes		
<b>Gas bottles</b>	Flammable/explosive/asphyxiant	Petrol stored in the correct container		
	Stored in well ventilated area			
	Stored upright			
	Secured/prevented from falling			
	Protected from heat or direct sunlight			
	Used with approved hoses and connections			
	High-pressure liquid or gas.			
	Transported in marked vehicles			
	Clearly labelled			
<b>Chemical</b>	Oxidising	Flammable	Explosive	<i>See guide at bottom of page</i>
	Corrosive	Toxic	Harmful	
	Irritant	Dangerous to the environment		
	Stored correctly			
	Eye, face, hand, respiratory equipment required			(State which type)
	Information sheets available			
	Warning labels visible			
	Can a safer alternative be used			



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<p>Hazard: Hand tools</p> <p>Hazard Effect <i>minor injury</i></p> <p>Risk rating:, Low</p>	<p>Staff :</p>	<ol style="list-style-type: none"> <li>1. All tools are in good condition and fit for purpose</li> <li>2. Damaged tools are removed from use the damage reported to the site manager</li> <li>3. Users are trained and competent in the use of tools.</li> </ol>	

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<p>Hazard: Power Tools</p> <p>Hazard Effect: <i>major injury</i></p> <p>Risk rating: Medium</p>	<p>Staff</p>	<ol style="list-style-type: none"> <li>1. Only trained and competent staff permitted to operate power tools – this is reflected in training records</li> <li>2. All power tools used as per manufacturers instructions</li> <li>3. Tools inspected for good condition prior to use and damaged equipment is removed from use and faults reported to site supervisor.</li> <li>4. Appropriate Personal Protective Equipment identified and used for all equipment.</li> <li>5. Approved circuit breakers in use on all electrical equipment.</li> </ol>	<p>When equipment is on hire the person hiring the equipment must ask the company to show them how to use the items on hire.</p> <p>Any safety equipment required must also be hired Check all electrical equipment comes with RCD units</p> <p>All electrical equipment owned by the paintball site must be tested at regular intervals.</p> <p>Power tools must only be used on site when there are two members of staff at the site in case of an accident.</p>

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<p>Hazard: Slips trips and falls</p> <p>Hazard Effect: <i>major injury, severe injury, minor injury</i></p> <p>Risk rating:, Medium</p>	<p>Staff Customers Members of the public</p>	<ol style="list-style-type: none"> <li>1. Players requested to wear suitable footwear via the organiser prior to arriving on site</li> <li>2. Where practicable all slipping/tripping hazards removed or clearly identified</li> <li>3. Safety brief includes a section on possible hazards.</li> <li>4. All playing fields walked at the start of the day or prior to use to identify and mark any new hazards</li> <li>5. All man made tripping hazards must be highlighted or removed</li> <li>6. For <u>off-site games</u> an inspection of the venue must be carried out prior to confirming an event.</li> </ol>	<p>Marshals must makes sure customers with inappropriate footwear are not allowed to play.</p> <p>Ensure customers are made aware of the boundaries to the playing areas prior to the start of the game.</p>



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<p>Hazard: Manual handling of equipment</p> <p>Hazard Effect: <i>minor injury</i></p> <p>Risk rating:, Low</p>	<p>Staff :</p>	<ol style="list-style-type: none"> <li>1. Where possible manual handling is avoided by the use of mechanical aids i.e. bottle trolleys, sack trucks etc</li> <li>2. Guidance given on correct manual handling technique and this is reflected in the training records.</li> <li>3. Equipment containers/boxes should not be overfilled and those used regularly for carrying specific equipment should be labelled with the maximum weight liable to be in the container.</li> <li>4. Members of the public should not be allowed to assist in any manual handling operations</li> <li>5. Sharp edges removed where practicable and gloves worn.</li> </ol>	<p>When handling heavy items two or more staff must be used.</p>











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<p>Hazard: Chemical</p> <p>Petrol Engine Oil</p> <p>Hazard Effect: <i>severe injury</i></p> <p>Risk rating: Low</p>	<p>Staff :</p>	<ol style="list-style-type: none"> <li>1 All products used as per manufacturers instructions</li> <li>2 All products stored as per manufacturers guidance</li> <li>3 Appropriate Personal Protective Equipment worn during chemical handling operations</li> </ol>	<p>Disposable gloves must be worn when filling the generator with fuel or oil.</p> <p>Petrol must be stored in the correct container.</p> <p>Petrol must be kept away form any sources of heat or ignition.</p>