

Powerplay Paintball – Brighthouse – Risk Assessment

Location Powerplay Paintball Wakefield and Brighthouse Venues		Date 18/5/02 1st Inspection	Review date 1/5/12		
Carried out by: Steven Bull Tracy Andrew		Authorised by: Signature:	Reviewed 21/5/11		
<u>KNOWN HAZARD</u>	<u>HAZARD AND CONTROLS</u>	<u>COMMENTS / POSSIBLE EFFECTS</u>			
Machinery	Suitable and used for intended purpose.				
	Used and maintained by competent personnel,				
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	Nips, trapping, impact, ejection.				
	Contact with moving parts.				
Environment	Thermal environment.(Hot or Cold)				
	Poor access/ egress.				
	Lighting				
	Uneven surfaces				
	Wet/icy surfaces				
	Loose surfaces				
	Slips trips and falls.				
Electricity	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			
Physical	Manual handling	Guidance leaflet issued			
	Poor posture (cramped conditions).				
	Vibration.				
	Noise.				
	Using hand/ power tools.				
Vehicles	Tested and within test date	Yes			
	Checked prior to use	By the driver			
	Suitable for intended task	Yes			
	Driven by qualified and competent drivers	Yes			
	Adequate parking	Yes			
Gas bottles	Flammable/explosive/asphyxiant	Petrol stored in the correct container			
	Stored in well ventilated area	Yes			
	Stored upright	Yes			
	Secured/prevented from falling	Yes			
	Protected from heat or direct sunlight	Yes			
	Used with approved hoses and connections	Yes			
	High-pressure liquid or gas.	Yes stored correctly			
	Transported in marked vehicles	Vehicle has a compressed gas sign			
	Clearly labelled				
Chemical	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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HAZARD	WHO MIGHT BE HARMED?	IS THE RISK ADEQUATELY CONTROLLED?	WHAT FURTHER ACTION IS NECESSARY TO CONTROL THE RISK AND WHO WILL CARRY OUT THIS ACTION AND WHEN?
<p>Hazard: Hand tools</p> <p>Hazard Effect <i>minor injury</i></p> <p>Risk rating:, Low</p>	<p>Staff</p> <p>:</p>	<ol style="list-style-type: none"> 1. All tools are in good condition and fit for purpose 2. Damaged tools are removed from use the damage reported to the site manager 3. Users are trained and competent in the use of tools. 	

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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"> 1. Only trained and competent staff permitted to operate power tools – this is reflected in training records 2. All power tools used as per manufacturers instructions 3. Tools inspected for good condition prior to use and damaged equipment is removed from use and faults reported to site supervisor. 4. Appropriate Personal Protective Equipment identified and used for all equipment. 5. Approved circuit breakers in use on all electrical equipment. 	<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"> 1. Players requested to wear suitable footwear via the organiser prior to arriving on site 2. Where practicable all slipping/tripping hazards removed or clearly identified 3. Safety brief includes a section on possible hazards. 4. All playing fields walked at the start of the day or prior to use to identify and mark any new hazards 5. All man made tripping hazards must be highlighted or removed 	<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: Co2 filling/compressed air filling</p> <p>Hazard Effect <i>severe injury</i></p> <p>Risk rating: Medium</p>	<p>Staff</p>	<ol style="list-style-type: none"> 1 Bottles are designed for use with paintball equipment and are fit for purpose. 2 Trained operators only to fill Co2 cylinders – records kept to demonstrate this training has occurred 3 Instructional guide available to all those responsible for filling operations 4 All equipment visually inspected for defects prior to use 5 Gloves and goggles worn during all filling operations 6 Bottles secured and placed on firm even surface 7 Filling carried out in a well ventilated area 8 Access to filling area restricted to those carrying out filling operations – warning signs posted 9 Bottles kept clear of sources of heat 	<p>Only authorised personnel can fill bottles. If a customer brings his/her own gas bottle a member of the site staff must fill the bottle not the customer.</p> <p>Scales must be used to prevent over filling the bottles.</p> <p><u>Authorised personnel for CO2</u></p> <p>Steven Bull Stuart Andrew</p> <p>Trained on site by Steven Bull Craig Auld Wayne Auld</p> <p><u>Authorised Personnel for Compressed Air</u></p> <p>Tracy Andrew Stuart Andrew Steve Bull Any member of staff who has a UKPSF air training card</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"> 1. Where possible manual handling is avoided by the use of mechanical aids i.e. bottle trolleys, sack trucks etc 2. Guidance given on correct manual handling technique and this is reflected in the training records. 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. 4. Members of the public should not be allowed to assist in any manual handling operations 5. Sharp edges removed where practicable and gloves worn. 	<p>When handling heavy items two or more staff must be used.</p>

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<p>Hazard: Paintballs</p> <p>Hazard Effect: <i>major injury, severe injury</i></p> <p>Risk rating: Low</p>	<p>Staff Customers Members of the public</p>	<ol style="list-style-type: none"> 1. Only equipment designed and approved for use in the sport of paintball used. This includes paintballs, markers and safety equipment. 2. Players, marshals and those liable to come into direct contact with paintballs are briefed on the hazards. 3. Written confirmation is kept, of the brief, in the form of disclaimers and training records. 4. All playing areas are clearly marked and signed. 5. Boundaries of the site are clearly defined and signed to prevent access to members of the public 6. Approved goggles with ear and face protection worn at all times within the designated playing area 7. Markers are not allowed into the designated safe are without an approved barrel 'bung' or bag being fitted 8. Safe area netted and clearly designated. Netting is of a suitable height and strength to prevent paintballs passing through or over 9. All markers are chronographed below 280 feet per second prior to use 	<p>The dangers involved in playing paintball must be explained at the safety briefing.</p> <p>Any player lifting a mask in the playing area is to be excluded from the next game. This can be on the way to the game, during, or after the game. The player must be issued a verbal warning. This must be indicated on the game sheet for future reference.</p> <p>If a player breaks the rule again they must be asked to leave the site.</p> <p>Suitable anti fog solution must be available for customers use.</p> <p>As the masks are set out at the start of the day all masks must be inspected for cracked or damaged lenses and badly fitting straps. Any faulty lens must be replaced.</p> <p>Markers are to be chronographed and records kept once a month.</p> <p>Only authorised staff to give the safety briefing and a checklist must be used.</p> <p>Authorised personnel</p> <p>Steve Bull Tracy Andrew Stuart Andrew Wayne Auld Craig Auld David Bull Kevin Lee Harrison Scott Archer (Laser Tag)</p>

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<p>Hazard: Transportation/use of propane/butane gas cylinders and associated equipment</p> <p>Hazard Effect: <i>severe injury</i></p> <p>Risk rating: Low</p>	<p>Staff Customers Members of the public</p>	<ol style="list-style-type: none"> 1. Only equipment approved for use with the gas bottles to be used. 2. All equipment checked for defects prior to use 3. Equipment fitted and used by trained and competent personnel – this is reflected in training records 4. Bottles are stored upright and in a well ventilated area away from sources of heat or ignition 5. Vehicles transporting gas cylinders are marked with the appropriate signs. Bottles secured during transport. 6. Fire extinguisher local and available in case of fire. 7. Assembly point identified and signs posted for fire and other emergencies. 	<p>Check regulatotr are correctly screwed into the propane cylinder prior to use.</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"> 1. All products used as per manufacturers instructions 2. All products stored as per manufacturers guidance 3. Appropriate Personal Protective Equipment worn during chemical handling operations 	<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>