

# Health, Safety & Environmental Risk Assessment Form

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## Purpose

This form is to be used by trained Risk Assessors to record the identification and mitigation of risk(s) prior to undertaking the task being assessed.

Reference Number	DPB/001	Risk Assessor (print name)	John Batts	Signature	
Title	<b>Risk Assessment for Dorset Paintball</b>				
Associated Work Procedure	All associated procedures for events/activities at the site.				
Date of Issue	06/05/2021	Review Date	06/05/2024	Overall Residual Risk	Medium
				Type of Assessment	Task based
Location (Site, building, etc.)	Dorset Paintball, Bere Regis, Dorset.	Names of all persons involved in conducting the assessment.	John Batts M J Rusbridge		

Other associated assessments and documents	<b>Title</b>	<b>Reference No</b>
	N/A	N/A
<b>Brief Description of Task</b> (include sufficient details to make the scope of the RA clear)	<p><i>Please provide a brief description of the task / activity only</i></p> <p>This Risk Assessment (RA) details the controls necessary for events to be conducted safely at Dorset Paintball.</p> <p>The following mitigations apply to all tasks conducted at Dorset Paintball, including car parks, offices, lavatories and game zones. Any activity that cannot be conducted whilst following the mitigations set forth in this document will not be covered by this RA and will require separate assessment.</p>	

No	Hazard Description <i>Clearly identify the Hazard.</i>	How could harm occur? <i>Brief description and consequence</i>	Identify what / who could be harmed <b>(and number of people involved)</b>	Control Measures <i>Consider controls to mitigate risk in line with the 'Hierarchy of Controls': Eliminate; Substitute; Isolate; Reduce; Safe System; PPE</i>	Residual Risk Rating		
					Likelihood	Severity	Low, Medium or High Risk
1	People being shot in the eyes/face.	Site Staff, Gamers, Visitors.	Loss of sight if shot in the eye. Loss of teeth if shot in the mouth.	All Gamers must wear an approved full Face Mask at all times when in the Game Zones.  As per Mandatory Safety Brief.	M	A	M

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					Likelihood	Severity	Low, Medium or High Risk
2	Accidental Gun discharge may cause injury to person not wearing safety equipment such as full face mask.	Site Staff, Gamers, Visitors.  Loss of sight if shot in the eye.  Loss of teeth if shot in the mouth.	All weapons to be unloaded, paint holders removed from all weapons before leaving the Game Zone and in any of the Safe Zones.	Continuous supervision of all gamers whilst in the game zones.  As per Mandatory Safety Brief.	VL	D	L
3	Upgraded weapons can cause mild injury to skin.	Site Staff, Gamers, Visitors.  Swelling/blister of the skin effect.	No weapon must exceed the set muzzle velocity limits.  Each weapon is to be chronographed before being allowed in the Game Zone.	Random chronograph checks during the day.  As per site procedures.	VL	B	L
4	Pressurised air bottles can be a hazard.	Site Staff, Gamers, Visitors.  Leakage of high pressure air could cause injury.	Inspect air bottles, regulators and guns before use.  Store air bottles in a cool place.	As per site procedures.	VL	D	L

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					Likelihood	Severity	Low, Medium or High Risk
			Only use in date air bottles.				
5	Slip, Trips and Falls.	Site Staff, Gamers, Visitors.  Minor injury.	Players coming to the site must be informed to where proper footwear with ankle support and warned about the terrain they are going to play on.  No one is allowed to climb trees or onto any of the provide site props.	As per Mandatory Safety Brief.	L	B	L
6	Pyrotechnics	Site Staff, Gamers, Visitors. Burn to the affected area. Choking from smoke inhalation.	Only Gamers over the age of 18 can use pyrotechnics.  Only Ring Pull type can be used on site.	Continuous supervision of all Gamers whilst in the Game Zones.  As per Mandatory Safety Brief.	VL	D	L

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					Likelihood	Severity	Low, Medium or High Risk
		Loss of hearing from grenades	No Smoke Grenades to be used in any structure.				
7	Fire	Site Staff, Gamers, Visitors. Anything from a minor burn up to death.	On the discovery of a fire, you are to shout 'FIRE' and return to the 'Main Admin Area' where the Fire Brigade will be called.	Locate basic fire fighting equipment in the Game Zones.  Continued supervision of all Gamers whilst in the Game Zones.  As per Mandatory Safety Brief.	VL	E	M

## Review and Authorisation

Review and authorisation are to be recorded in the table below. Further review and/or revision are required:

- when the task being performed no longer matches the risk assessment
- every three years, based on the authorisation date

Review history should be summarised in the Change Record on the next page.

<b>Peer / technical reviewer</b>	Name John Batts	Signature <i>JnoBatts</i>	Date	06/05/2021
On behalf of Dorset Paintball, I authorise the activity covered by this risk assessment to commence / continue on the basis that the hazards have been thoughtfully considered and the associated risks demonstrably controlled to as low as reasonably practicable (ALARP).				
<b>AUTHORISATION</b>	Name M J Rustbridge	Signature <i>M J Rustbridge</i>	Date	06/05/2021

## Change Record

Record here the review history and key changes to the Risk Assessment

Issue	Date	Review / Change Summary	Reviewer
	Click to enter a date.	Click here to enter text.	Name Click here to enter text.      Signature
	Click to enter a date.	Click here to enter text.	Name Click here to enter text.      Signature
	Click to enter a date.	Click here to enter text.	Name Click here to enter text.      Signature
	Click to enter a date.	Click here to enter text.	Name Click here to enter text.      Signature
	Click to enter a date.	Click here to enter text.	Name Click here to enter text.      Signature

Each new Issue of the Risk Assessment must be authorised on the previous page at the appropriate level of delegation. Authorised copies of all Issues must be retained as defined in the 'Records' section of the HS&E Risk Assessment process.





## Authorisation Levels

Residual Risk Rating	Action required	Review	Authorisation
Very Low (G)	<p>This represents a low residual risk; where the risk is expected to be effectively managed and no further controls are needed other than monitoring.</p> <p>However this is dependent on the control measures being applied and maintained</p>	Local line management	Local line management
Low (Y)	Consider only simple, low-cost additional controls.	Local line management	Local line management
Medium (A)	Consider a range of additional controls to manage the residual risk OR accept that risks have been adequately controlled and are demonstrably 'As Low as Reasonably Practicable' (ALARP)	<p>Local line management</p> <p>Where residual risk for very low likelihood, high severity hazards remains at Medium, Local line management must make the site manager aware and pass up for review as required.</p>	Site Manager
High (R)	<p>Action must be taken to review the proposed/existing controls. Work should not commence or should be suspended pending the outcome of the review.</p> <p>Where all possible mitigation has been exhausted and all risks demonstrably ALARP.</p>	Site Manager	Site Manager

## Risk Matrix

Likelihood	1 Very Low	2 Low	3 Medium	4 High	5 Very High
Probability of Occurrence	May occur but only in exceptional circumstances 10% OR LESS	Not likely to occur in normal circumstances 11 to 25%	May occur at some time 26 to 50%	Expected to occur at some time 51 to 74%	Expected to occur regularly under normal circumstances 75% OR MORE

Severity	Health & Safety	Property & Equipment	Environment
<b>A</b> Minor	No likely injuries or Injuries requiring First Aid	Non-disruptive unplanned property damage or programme disruption	Small-scale contained spillage
<b>B</b> Moderate	Minor non-disabling injury requiring professional medical advice	Minor unplanned property damage or programme disruption	Minor localised spillage or release requiring action at local level to contain and clear effectively.
<b>C</b> Major	Superficial Injuries or acute illness resulting in temporary discomfort or disability	Damage or plant and equipment up to £5k causing disruption to programme	Uncontained spillage or release causing with pollutant confined to the site. No damage to the local environment and no breach of any statutory limit.
<b>D</b> Severe	Lacerations, burns, concussion, sprains, chronic illness or permanent disablement. RIDDOR reportable injuries /diseases	Extensive damage or loss of plant, equipment, and/or facilities, up to £50k causing extensive disruption to programme	Localised contamination with limited intervention required to remediate. Breach of statutory limits, with potential for enforcement action.

Severity	Health & Safety	Property & Equipment	Environment
<b>E Critical</b>	Fatality or serious life changing injury with major effect on quality of life.	Complete loss of equipment, plant and/or infrastructure greater than £50k with loss of programme	Significant / permanent or long term damage to the environment. Significant sustained remediation required. Regulatory enforcement action likely.

		Probability of Likelihood				
		1 Very Low	2 Low	3 Medium	4 High	5 Very High
<b>Severity</b>	<b>(E) Critical</b>	Medium (A)	Medium (A)	High (R)	High (R)	High (R)
	<b>(D) Severe</b>	Low (Y)	Medium (A)	Medium (A)	High (R)	High (R)
	<b>(C) Major</b>	Low (Y)	Medium (A)	Medium (A)	Medium (A)	High (R)
	<b>(B) Moderate</b>	Very Low (G)	Low (Y)	Medium (A)	Medium (A)	Medium (A)
	<b>(A) Minor</b>	Very Low (G)	Very Low (G)	Low (Y)	Low (Y)	Medium (A)

Key to colour coded areas:

Very Low (G) = Green

Low (Y) = Yellow

Medium (A) = Amber

High (R) = Red