

RISK ASSESSMENT

Subject: Paintball Fields

Hazards: Slipping/tripping (more relevant to paths and man-made elements).
Impact (for example with projecting sharp branches).
Falling objects (poorly maintained/secured barricades).
Fire (smoke grenades) – see separate specific assessment.
Gas under pressure (CO2/Air) – see separate specific assessment.
Paintball markers – see separate specific assessment.
Drowning.

Persons at risk:

Employees (including casual workers), customers and members of the public.

Control measures in place:

- Provide duck boards where required and remove, where practical to do so, as many natural hazards as possible. Level major pathways.
- Remove, where practical, branches below 1.5m, particularly in areas of coniferous forest in major use areas.
- Barricades to be securely constructed (capable of withstanding an adult male climbing over). Regular inspections by all marshals before, during and after use. No constructions to be higher than 3m.
- Any damaged or vandalised constructions to be taken out of play and marked with hazard tape until repaired.
- All areas are clearly defined and 50m from any public areas.
- Full instruction on game rules.
- Trained staff provided at a ratio of 1-10.
- All activities fully supervised.
- First aid equipment and first aiders provided.
- Emergency procedures in place.
- Hazard checklist for monitoring and maintaining controls.
- All areas of water are marked and if deemed dangerous are made out of bounds.
- All paintball markers regularly maintained (see separate sheet).

Control measures required:

Game managers and all staff to monitor and maintain existing controls. All game managers to have quarterly meeting with the Site Owners for refresher training and control measures and risk assessment.



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RISK ASSESSMENT

Subject: Paintball Markers

Hazards: Impact injuries, in particular to eyes.
Uncontrolled release of pressurised gas.

Persons at risk:

Employees (including casual workers), customers and members of the public.

Control measures in place:

- All use of markers restricted to defined areas and 50m from any public area (max range of markers is 45m).
- All customers and employees are provided with and must wear full eye, face and ear protection.
- All customers provided with full body coveralls.
- Issue of markers controlled by trained staff.
- Full safety briefing and demonstration given before issue.
- All active areas supervised by trained staff, ratio 1-10.
- First aid facilities and first aiders on site.
- No person under the age of 12 years permitted to participate.
- All markers are regularly maintained, tested and chronographed to keep velocity below 300fps. Always reset to 260fps to allow for fluctuations due to temperature and paintballs.
- All CO2 and Air cylinders fitted with burst discus to prevent over pressurising.
- Rest areas and administration areas designated as marker free zones. All markers to be kept in active side.
- Racks provided and signs in place on both exit and entry points.

Control measures required:

All staff, in particular game managers, to monitor and enforce control measures.



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RISK ASSESSMENT

Subject: Smoke Grenades

Hazards: Burns on ignition.
Fire risk.
Smoke inhalation (confined space).

Persons at risk:

Employees (including casual workers), customers and members of the public.

Control measures in place:

- All activities and use supervised and restricted to defined areas, 50m from any public access.
- Reputable supplier (two stage positive actions required to ignite).
- Suitable approved storage at both warehouse and venues (trading standards approved).
- Stored on site in metal boxes.
- Control of issue of grenades (not accessible to customers).
- Full briefing and live demonstration given based on manufacturers guidelines.
- Clear, precise instructions for safe use printed on each grenade.
- First aid boxes and trained first aiders on site.
- Not for sale to under 18s, proof of identity to be shown.
- All customers issued with full eye and face protection and one-piece cotton overalls.
- Not to be used in enclosed areas.
- Marshals clearly identifiable.

Control measures required:

Beaters to be made available in event of fire in woodland.



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RISK ASSESSMENT

- Subject:** CO2 and Air cylinders
- Hazards:** Uncontrolled pressure release.
Cold burns.
Impact/falling.
Asphyxiation (in confined spaces).
Manual handling.

Persons at risk:

Employees (including casual workers) and members of the public.

Control measures in place:

- Cylinders hired (periodic inspection/examination is by hire company).
- Staff trained in connection/disconnection (condition checked prior to connection).
- Eye protection/gloves provided (signs posted).
- Secured in upright position in designated areas.
- **Customer use prohibited.**
- Used in open air.

Manual Handling:

- Reduced cylinder size used/introduced.
- Delivered to site.
- 2 persons to lift cylinders.
- Operatives instructed in lifting technique.
- Distance carried limited (otherwise vehicle used).
- Trolley used in warehouse for moving.
- Supervisors to monitor and maintain controls/measures.



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