

**Talhenbont Hall Ltd**

Dragon Raiders Activity Park, Gwynfryn Lodge, Llanystumdwy, Criccieth, LL52 0LR

**Location: Dragon Raiders Activity Park**

<b>Title :</b> Paintball Risk Assessment	<b>Date of Assessment :</b> 15/08/2017	<b>Risk Assessor :</b> Paul Good
<b>Risk Assessment Reference :</b> RA01	<b>People involved in making this assessment :</b>	
<b>Task/ Process :</b> Paintball Area and Segway Adventure.	<b>People at Risk :</b> Employees, Contractors, Members of the Public, Volunteers	

<b>Hazard : Slips and trips</b> Serious injury could occur due to operatives falling on debris, equipment, uneven surfaces, grease, oil , any other substance.
<b>Control Measures:</b>
1. Operatives to wear sensible footwear at all times whilst at work.
2. All areas are cleared of possible trip hazards with daily checks completed by staff prior to use and any debris removed.
3. Employees regularly check areas for possible cases of trips and slips within the paintball and Segway areas.
4. Staff and clients are advised to wear sensible footwear at all times whilst at work. (boots, trainers)
5. Flooring areas within the path through and around each game zone, such as bridges, displays, safe zone area are cleared of debris and trip hazards as part of the daily checks carried out by staff with 6 monthly proactive maintenance.
6. External pathways around the area are cleared of branches, twigs, large stones any objects through walking areas as far as reasonably practicable during daily inspections.
7. Clients attending for a paint ball game will be informed of the ground conditions if there has been heavy rain fall, ice.

<b>Hazard : Equipment Storage</b> Falling equipment or equipment damaged by incorrect storage.
<b>Control Measures:</b>
1. Paint ball guns, body shield, face masks etc. are stored in locked container which is only accessible to the competent instructors.
2. All equipment including the guns are checked before and after games. Any defective guns are removed immediately from use and locked in a separate box until the equipment has been repaired or disposed of.
3. All equipment stored in suitable shelving and box systems to mitigate any damage, they are also stored at body height and not above.
4. When equipment is removed from storage for use during the activities, instructors move them to a position just outside of the game zone which has rack system for the paintball guns to be suitably placed on.

<b>Hazard : Fire Electrical Fires</b>
<b>Control Measures:</b>
1. Portable appliances owned by Dragon Raiders Ltd are tested in line with current requirements.
2. Fixed Electrical testing is conducted within the recommended timescales (Usually every 5 Years) for any internal building areas.

**Hazard : Substances COSHH**

**Control Measures:**

1. Any substances are assessed, safely stored or removed from site after use or kept in a locked and secure location.
2. Products used are domestic cleaning products in the main and do not require a risk assessment. If a product such as pyrotechnics which are used, stored for the paintball games, a relevant assessment will be undertaken.
3. Exposure to hazardous substances kept to a minimum as per the quantities that are stored on site.

**Hazard : First Aid** Risk of Body Fluid Contamination-Infection Dangerous Areas

**Control Measures:**

1. Qualified First Aiders on duty at all times within Dragon Raiders.
2. First aid kits available on site and these are checked periodically and replenished as necessary.
3. All staff members carry walkie talkies so communication and urgent response can be taken in the event of an accident/incident.

**Hazard : Protective Equipment Sterilization/ cleansing** Risk of cross Contamination Infection

**Control Measures:**

1. All face masks used for the paintball activities are thoroughly cleansed and disinfected after use before being suitably stored in locked and secure storage.
2. Any overalls provided for wear to clients during their paintball game are washed after every use.
3. All chest protectors are washed after every use.
4. One use hearing protectors are provided for each client before the game, these are disposed of in suitable waste bins following use.

**Hazard : Noise** Damage to hearing Environmental Damage to area.

**Control Measures:**

1. Noise limiting procedures are in place to ensure it is kept to a minimum.

**Hazard : Injuries from paint ball activities** Personal injury from participation in game activities Eye injuries Torso Injuries

**Control Measures:**

1. Health and Safety Induction training and instruction is provided to all clients prior to entering any of the game zones.
2. Competent Instructors/Marshals are employed and will manage all paint ball games.
3. Chest shields are provided and it is compulsory for the shields to be worn by any one under the age of 16 and women. Men above 16 are recommended to wear but it is optional.
4. Strict procedures are in place for using the paint ball guns within the games zones only and this is closely monitored by Dragon Raiders Marshals.

5. No firing at less than 20 feet within any of the game zones which have netting around the zone. This instruction is provided during training and again within the zone using the boundary's and bridges in place within the zones to clearly show the distances.
6. All clients are informed and advised to use good footwear (trainers, boots etc.). The Dragon Raiders instructors have the right to refuse any clients taking part should they not have suitable footwear.
7. There are two safety features on the paintball guns which are a barrel lock and safety switch. All instructors are competent in their safe use and this information and training is provided to all clients taking part in the paint ball activities.
8. All paint ball guns are re-calibrated periodically fire at within 250-280 feet per second.
9. Suitable and sufficient first aid facilities are provided on site if needed and all staff are trained in first aid.
10. All clients are made aware of the significant risk involved in paint ball and advice, guidance and specific training is given before the are allowed to take part in a game.
11. Instructors supervise all games and the area at all times.
12. All clients are made fully aware of their own responsibilities when taking part in the games and their responsibility in the safe use of the equipment and wearing necessary PPE.
13. Volenti Non fit Injura(risks willingly taken)
14. Safe zones are available at all game zones and can be used by clients stepping out of the game. No guns can be used within or fired at this area.
15. Safety signage is prominently displayed within the Dragon Raiders site and the game zones providing clear advice and instruction for clients on the do's and don'ts.

**Hazard : Pyrotechnics** Possible injury from misuse of any smoke grenades

**Control Measures:**

1. All instructors are competent is the safe, use and issue of smoke grenades on the Dragon Raiders site.
2. The Dragon Raiders site is a no smoking site and any clients will be asked not to bring into the site any Naked Lights and Flames (e.g. matches, lit cigarettes, lighters).
3. Any client under the age of 16 will not be allowed to purchase and use a smoke grenade.
4. Direct training and instructions are given as part of the induction on the safe storage and use of any smoke grenades purchased for use within the paintball game.
5. The hazards and risk of the use and handling of smoke grenades is provided to clients by the Dragon Raiders instructors.
6. The smoke grenades held on site are stored in a suitable U.N box in a locked and secure container.

**Documents Associated with this Risk Assessment:**

**Review Date :** 29/07/2020

**Reviewer :** Paul Good