

**Dragon Raiders Ltd**

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

**Location: Gwynfryn Lodge, Llanystumdwy, Criccieth, Gwynedd LL52 0LR**

<b>Title :</b> Segway Risk Assessment	<b>Date of Assessment :</b> 11/07/2019	<b>Risk Assessor :</b> Paul Good
<b>Risk Assessment Reference :</b> RA02	<b>People involved in making this assessment :</b> Alicia Cox	
<b>Task/ Process :</b> Paintball and Segway Area.	<b>People at Risk :</b> Employees, Contractors, Members of the Public, Volunteers	
<b>Hazard : Slips and trips</b> Serious injury could occur due to falling on debris, equipment, uneven surfaces, grease, oil , any other substance.		
<b>Control Measures:</b>		
1. Employees regularly check areas for possible cases of trips and slips within the paintball and Segway areas.		
2. Staff and clients are advised to wear sensible footwear at all times whilst at work. (boots, trainers)		
3. All areas are cleared of possible trip hazards with daily checks completed by staff prior to use and any debris removed.		
4. Flooring areas such as bridges and park area are cleared of debris and trip hazards as part of the daily checks carried out by staff.		
5. 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.		
<b>Hazard : Machinery( area maintenance/gardening etc.)</b> Risk of injury from use of machinery		
<b>Control Measures:</b>		
1. Dragon Raiders have competent grounds man who are employed to carry out maintenance works such as branch cutting, tree removal.		
2. Compressor that is stored and used within the Dragon Raiders site is serviced and maintained by external contractors and employees have been trained in it's safe use and operation.		
<b>Hazard : Employees /Public struck by delivery vehicles in yard – entrance to yard</b> Risk of injury. from collision with pedestrians Impact injuries from wagons loading and unloading Impact injuries from lifting bin to bin wagon Slips and trips due to spillages or ice.		
<b>Control Measures:</b>		
<b>Hazard : Equipment Storage</b> Falling equipment or equipment damaged by incorrect storage.		
<b>Control Measures:</b>		
1. Any relevant equipment is stored in a locked container and visual checks are carried out daily.		
2. Segways are taken from their locked storage by trained members of staff to a area under cover ready for the days activities.		

**Hazard : Fire Electrical Fires****Control Measures:**

1. Portable appliances owned by Dragon Raiders Ltd are portable appliance tested within recommended timescales.
2. Fixed Electrical testing is conducted within the recommended timescales (Usually every 5 Years)
3. The charging points for the Segway are inspected daily to ensure they remain in good condition. They are kept separate away from the Segway area.

**Hazard : Substances COSHH****Control Measures:**

1. Any substances are to be assessed, safely stored or removed from site after use or kept in a locked and secure location.
2. Exposure to hazardous substances kept to a minimum as per the quantities that are stored on site.

**Hazard : Lone Working** Risk of attack Risk of injury or illness without assistance**Control Measures:**

1. Lone working is prevented if there is a known risk to the worker in any particular situation

**Hazard : Maintenance of infrastructure** Risk of injury or falls from heights, ,Manual Handling Electrocutation, Tripping, Hearing damage**Control Measures:**

1. Six monthly maintenance carried out to the site and non essential staff will be kept clear of the area.

**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.

**Hazard : Segway Adventure and use of equipment** Falls from equipment Possible cuts bruises, abrasions or broken bones**Control Measures:**

1. All persons are required to complete a 20 minute training and instruction for the operation of Segway equipment.
2. The adventure and the pace of the machines are led by a competent qualified instructor.

3. The Segway's are restricted to approx. 5mph for excessive speed cannot be reached.

4. All persons taking part are issued the relevant P.P.E. for the use of this equipment which is monitored by The instructor and Dragon Raiders Staff.

5. No alcohol can be consumed prior to operating the Segway equipment.

6. Segway's are visually checked and inspected daily before use by competent staff members, any defective issues identified will be raised and the Segway taken out of any use until it has been repaired or replaced.

7. Staff take clients through basic four stages of training on the Segway's.

8. A strict aged limit is imposed of the Segway's over 10 - 16 must be accompanied by a responsible adult. No one under the age of 10 can operate the Segway under any conditions.

9. A one metre rule in single file is in place at all times when Segway's are in operation to mitigate collisions.

10. Helmets must be worn at all times by both instructors and clients when operating the Segway.

11. Segway maintenance in place in line with manufactures instructions.

12. The competent instructors will observe and work closely with any clients who need additional training on the segways.

13. Training session forms are completed during the 20 minute training and instruction and any areas the client does not feel comfortable with additional training and assistance will be given before being signed.

14. 8-10 minute Safety talk provided when clients first attend site.

**Documents Associated with this Risk Assessment:**

**Review Date :** 11/07/2020

**Reviewer :** Paul Good