

# LASER TAG RISK ASSESSMENT

Assessed by: Lauren Bean

Date of Assessment: 14/12/19

Date of Review: 14/12/20



Hazard	Risk	Persons at Risk	Initial Rating			Actions	Rating After
			Severity	Probability	Rating		
Inflatable lifting in wind	Death or Serious Injury	Participants Staff Spectators	4	2	8	<ul style="list-style-type: none"> <li>All anchors/stakes must be used when used outside.</li> <li>When on grass, the stakes must be fully inserted into the ground at 45 degrees away from the maze</li> <li>The maze must not be used in winds over 24mph.</li> <li>Regardless of wind speed, the maze must not be used if any lifting occurs.</li> </ul>	4
Collapse of maze	Distress, Minor Injury	Participants Staff	2	2	4	<ul style="list-style-type: none"> <li>In the event of power failure the operator must call the game to an end and get players out of the maze. Leave the zips closed as much as possible.</li> </ul>	2
Slips, Trips, Falls	Broken bones, bruises, grazes	Participants	3	3	9	<ul style="list-style-type: none"> <li>Cables to be left safely either alongside the maze, with use of cable traps, or above head height.</li> <li>Laser tag maze to be set up on even ground. Potholes or bumps should be filled or smoothed out.</li> <li>Briefing to include mention about taking care. Watching for obstacles including doorways.</li> <li>Consider opening windows on the 'new maze' if indoors/dark areas.</li> <li>In the rain, wet areas should be mopped up and participants briefed about the floor.</li> </ul>	3
Lasers pointed at eyes	Discomfort, irritation	Participants Staff Spectators	2	1	2	<ul style="list-style-type: none"> <li>Participants intentionally shooting at eyes to be warned, and removed from the game if behaviour continues.</li> </ul>	1

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Electrical shock	Death, serious injury	Participants Staff Spectators	4	1	4	<ul style="list-style-type: none"> <li>When outdoors, All cables to be outdoor type rated IP55 or higher</li> <li>Trip switches used</li> </ul>	4
Collision in maze	Head injury, Bumps, bruises	People inside the maze	3	3	9	<ul style="list-style-type: none"> <li>2 handed operation of the guns included in briefing.</li> <li>Guns held at waist height included in the briefing.</li> <li>Adult supervision inside of maze if required</li> <li>Time-outs/walking rules introduced if required</li> </ul>	
Over exertion	Headache, breathing difficulties, fainting	Participants	3	2	6	<ul style="list-style-type: none"> <li>Water breaks to be provided at regular intervals</li> <li>Participants should have frequent breaks from play</li> </ul>	3
Weather	Sunburn, heat exhaustion.	Staff+ Participants	3	2	6	<ul style="list-style-type: none"> <li>Ensure a shaded area is available during hot weather</li> <li>Encourage the use of sun cream and sun hats.</li> </ul>	3