

Risk Assessment – Laser (Indoor and Outdoor)

Baseline	<input checked="" type="checkbox"/>	Site Specific	<input type="checkbox"/>	Vulnerable Person	<input type="checkbox"/>	Temporary	<input type="checkbox"/>
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Produced by:	Leigh Phillips	Date of issue:	05/01/2018	Review date:	01/01/2019
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Operating notes:

- Supervision ratio is 1 Activity Leader to 15 participants, with 1 additional adult to assist supervision.
- Activity Leader to be trained to in-house syllabus. Refresher training as directed by session observations. No special requirements for Chief Instructor. Technical Advice from Group Activities Manager
- Electrical facilities and equipment such as effect lighting, sound systems and cabling must be suitably mounted such that it is out of the way of participants. Chargers, cabling and other electrical components are subject to periodic inspection.
- Indoor laser arenas should avoid areas of complete darkness, and all sharp edges on obstacles should be covered with impact absorbing material
- Arenas must be inspected periodically to confirm they remain safe to use.
- Laser weapons use low power lasers that offer negligible risk to users.

Risk – Benefit Statement: There is a medium risk of injury arising from collisions, slips and trips, but high levels of participation, excitement and experiencing something new. This makes the risk tolerable.

Hazard Description and activities giving rise to risk	Who may be harmed	Control Measures	Risk Rating
Collision –with arena fixtures, obstacles or other participants	Participants, Activity Leader	<ul style="list-style-type: none"> • Check the activity area before use. • Tell participants that there must be no physical contact. They must not run or crouch down, and must keep their laser blaster close to their chest. • Check participants are wearing clothing appropriate to the conditions and activity environment. (Indoors/outdoors, wet/dry, muddy/clear, etc.) 	Medium
Slips, trips and falls – on tree roots, uneven ground, or other vegetation for outdoor arenas	Participants, Activity Leader	<ul style="list-style-type: none"> • Ensure all participants are wearing flat or low-heeled shoes. • Tell participants to pay attention when moving around, and highlight any areas that must be avoided or require special care. 	Medium
Laser beams – risk of eye injury from sustained contact with beams	Participants	<ul style="list-style-type: none"> • Tell participants not to look directly into the beams 	Low