Risk Assessment

LaserZone Castleford

Company Laser Escape Ltd
Version: 2026-11
Date of Assessment: 03/11/2026
Executive Responsibility: Site Manager
Day-to-day responsibility: Duty Supervisor
Address: LaserZone
Xscape
Colorado Way
Castleford
WF10 4TA

Health and safety law poster is displayed: In staff office
First-aid box is located: In staff office

Hazards Present	Existing Control Measures	Persons at Risk	Worst Typical Outcome	Probability after control	Overall Risk Factor	Tolerable	Additional Controls Required
Electrical hazards	• Electrical installations have been installed to IEE Regulations. • Portable electrical appliances are tested/inspected annually. • An informal inspection to identify any electrical hazards is carried out prior to opening each day and following any reports of electrical incidents. • Fixed electrical inspection is carried out every 5 years.	Staff & Customers	4	1	4	Yes	No
Injuries on arcade machines	• Most of the arcade machines are maintained by an external company - any breakages are made safe and reported immediately. • Machines have been laid out in a certain way to minimise tripping hazards. • An inspection of the arcade machines is carried out prior to opening every day.	Customers	2	1	2	Yes	No
Falls from climbing on briefing room entrance theming	• Staff are advised to stop people from climbing on the rungs outside the briefing room entrance. • 'No climbing' signs installed.	Customers	2	1	2	Yes	No
Collisions between participants or with scenery during laser tag game	• Physical contact and running is prohibited. • A video assisted briefing is conducted prior to each game to explain the game rules. • A marshal monitors participants behaviour and may intervene if necessary. • A detailed inspection of the game arena is conducted prior opening each day. • Nozzles of phasers are covered with rubber protectors and two hands are required to operate.	Staff & Customers	3	1	3	Yes	No
Damage to eyes from lasers during laser tag game	• Low power class 2 lasers are used. • Laser has a safety shutdown to prevent illumination for more than 0.25s	Staff & Customers	1	1	1	Yes	No
Slips and trips in other areas	• Hazard check is carried out at the beginning of every day, part of which looks for any slip or trip hazards - if found they are made safe before opening. • Staff must put wet floor signs out before they start mopping in any area.	Staff & Customers	3	2	6	Yes	No

Hazards Present	Existing Control Measures	Persons at Risk	Worst Typical Outcome	Probability after control	Overall Risk Factor	Tolerable	Additional Controls Required
Fall from height during laser tag game	• Climbing is prohibited • A video assisted briefing is conducted prior to each game to explain the game rules. • All raised areas in the game arena are provided with complete guard rails at least 1.1m high, which do not allow a fall from height unless under abnormal circumstances. • A marshal monitors participants behaviour and may intervene if necessary (e.g. if an individual attempts to climb a guard rail). • A detailed inspection of the game arena is conducted prior to opening each day to identify damaged or defective guard rails. • Extra guard rails are installed to further block access to roofed areas.	Customers	3	1	3	Yes	No
Slips and trips during laser tag game	• Hazard check is carried out at the beginning of every day, part of which looks for any slip or trip hazards - if found they are made safe before opening. • Running and crawling is prohibited. • A video assisted briefing is conducted prior to each game to explain the game rules. • Participants are required to wear sensible footwear. • Anti-slip tape is applied to ramps. • Food and drink is not allowed in the game arena. • A marshal monitors participants behaviour and may intervene if necessary. • A detailed inspection of the game arena is conducted prior to opening each day to identify slip/trip hazards. • A marshal will inspect the game arena for slip/trip hazards whilst monitoring the game. • Staff are instructed to ensure that a high standard of housekeeping is maintained. • Game arena is designed to eliminate trip hazards (no steps etc.) • Staff must not mop in games arena unless absolutely necessary. If it is necessary then the area must be cordened off until dry.	Staff & Customers	3	2	6	Yes	No

Hazards Present	Existing Control Measures	Persons at Risk	Worst Typical Outcome	Probability after control	Overall Risk Factor	Tolerable	Additional Controls Required
Risks regarding epilepsy	• Visitors can be given some information about the conditions in the playing environment, either by staff, on the website or in our general policy to allow them to make a decision as to whether it would be suitable for epileptics. • With regards to photosensitive epilepsy, there is no strobe lighting used within the arena, however the laser packs have low power flashing LEDs on them and fire a low powered LED laser. • We advise seeking further professional advice if anyone is in doubt about playing with epilepsy.	Staff & Customers	3	1	3	Yes	No
Risks regarding pacemakers	• LaserZone should not be played by anyone with a pacemaker. The electronic vests have a radio transceiver which could potentially interfere with pacemakers. Some pacemakers are certified safe to use with laser tag equipment. Pacemaker manufacturers may be able to give further advice.	Customers	N/A	N/A	N/A	N/A	No
Risks regarding pregnant people	• LaserZone should not be played by anyone who is pregnant. Whilst there is no known risk posed by the electronic vests or lasers, LaserZone is a physical activity and there is a risk of being bumped into or tripping in the low lighting inside the playing arena.	Customers	N/A	N/A	N/A	N/A	No
Risks regarding people with asthma	• Visitors can be given some information about the conditions in the playing environment, either by staff, on the website or in our general policy to allow them to make a decision as to whether it would be suitable for someone with asthma. • Artificial smoke can remove moisture from the air. Symptoms of over-exposure to the artificial smoke will possibly include: dry mouth, dry throat and/or dry eyes. If you feel any of these effects please alert a member of staff, exit the arena, seek fresh air and sip water.	Customers	N/A	N/A	N/A	N/A	No
Falls from ladders	• Only competent and able staff authorised by the site manager are permitted to use ladders. • Authorised staff members must follow HSE Safe Use of Ladders and Stepladders guidance.	Staff	4	1	4	Yes	No

Hazards Present	Existing Control Measures	Persons at Risk	Worst Typical Outcome	Probability after control	Overall Risk Factor	Tolerable	Additional Controls Required
Risks regarding people wearing a cast	• Recommended for customers not to play if wearing a cast as could cause further injury.	Customers	N/A	N/A	N/A	N/A	No
Accidents & medical emergencies	• Trained first aiders and first aid equipment are available. • Key staff are trained on use of an AED and AED equipment is provided or located nearby.	Staff & Customers	N/A	N/A	N/A	N/A	No
Risks regarding cleaning materials	• All potentially hazardous cleaning materials are kept in a locked cupboard to prevent unauthorised use or access by children. • Only authorised and competent staff are permitted to use cleaning materials. • Staff members must not leave any cleaning materials unattended. • Personal protective equipment is provided to staff members, e.g. impervious gloves.	Staff & Customers	3	1	3	Yes	No
Contractor operations	• Contractors may work on site to carry out a range of tasks. The risk from these undertakings varies according to the circumstances and the following control measures are in place: 1. So far as is practicle all contractor work takes place outside of opening hours. 2. All contractors must sign a declaration prior to starting work to confirm that they: i) Hold full public liability insurance to cover the work ii) Will operate safely and cleanly iii) If using LaserZone's equipment be competent and covered by own insurance iv) Will not leave any tools, equipment, chemicals or any potentially dangerous objects unsupervised or within customer reach. v) Will ensure everything is left clean and tidy and all tools/equipment will be packaed away when finished.	Contractors, Staff & Customers	N/A	N/A	N/A	N/A	No

Hazards Present	Existing Control Measures	Persons at Risk	Worst Typical Outcome	Probability after control	Overall Risk Factor	Tolerable	Additional Controls Required
Burns/scalds from hot food preparation	• Only authorised and competent staff permitted to work in the kitchen area. • Retractable barrier and no entry signage placed on entry to the kitchen area. • Appropriate kitchen utencils provided to staff working in the kitchen area.	Staff	3	2	6	Yes	No
Injury from discarded needlesticks/sharps	• Staff must not reach into concealed areas without first inspecting them to ensure the area is free of danger - e.g. toilet cisterns. • Staff must handle refuse carefully in case discarded sharps are present. • Staff must avoid direct contact with discarded sharps by using tools to handle them. If tools are for repeat use, they must be suitably disinfected before being used again. • Staff must not attempt to dismantle syringes. • Sharps must be moved to a safe and secure place prior to final disposal, e.g. a strong, labelled and sealed container could be used. • Any discovery of sharps must be logged and the Manager must be informed to enable future reviews of safety procedures. • If any injuries occur from contact with sharps, the local A&E department must be contacted without delay. If possible, the needle & syringe (or blade etc) should be taken in a secure container with them to the A&E department. • If blood has been spilt, a suitable spillage kit must be used.	Staff & Customers	4	1	4	Yes	No
Scalding from hot drinks/hot drink preparation	• Staff advised not to touch or have hands near hot liquid outlets. • Coffee machine automatically fills correct levels of fluid into each cup. • Lids are provided for hot drinks cups. • If customers wish to decant hot water to another container, e.g. to heat baby bottles, staff must advise them to do this away from others to avoid any risks associated with accidental spilling.	Staff & Customers	3	2	6	Yes	No

Hazards Present	Existing Control Measures	Persons at Risk	Worst Typical Outcome	Probability after control	Overall Risk Factor	Tolerable	Additional Controls Required
Cuts from knives	• Only authorised and competent staff permitted to work in the kitchen. • Knives are only to be used by staff and only in the kitchen area. • Customer knives are not to be used and must be safely stored away either in the customers bag or in a cupboard.	Staff	3	1	3	Yes	No
Second hand smoke/fire risk from smoking	• Smoking within LaserZone is illegal. • The use of e-cigarettes/vapourisers ('vaping') is prohibited in all parts of LaserZone - including toilets.	Staff & Customers	1	1	1	Yes	No
Risk of infection from cleaning bodily fluids, e.g. vomit, blood, saliva etc.	• Biohazard spill kits are provided with instructions. These contain various chemicals and personal protective equipment such as haz tab granules and aprons to assist in the safe clean up of biohazard spills. • Staff must section off and/or clean up bodily fluid spills as quick as possible.	Staff & Customers	3	1	3	Yes	No
Fire	• Reduction of fire risks is generally achieved by controlling sources of ignition: i) Electrical - see above. ii) Cooking - thermostatic cut outs provided. Iii) Malicious - general security arrangements. • Participants instructed on emergency procedures during briefing. • Automatic fire alarm system installed. • Fire extinguishers and fire blanket provided. • All staff are given regular on-site fire and safety training.	Staff & Customers	5	1	5	Yes	No
Trapped fingers in door hinges	• Hinge guards are fitted to all customer area doors	Customers	1	1	1	Yes	No
Falling debris from external signage	• Staff carry out regular informal visual inspections of the external signage. • Signage inspections are carried out at an appropriate interval by an external signage company.	Staff & Customers	4	1	4	Yes	No
Risks to disabled participants	• Wheelchair users are not permitted to use the upper levels of the arena because of the ramp gradients. • Helpers are permitted into the arena to assist disabled participants.	Customers	3	1	3	Yes	No

Hazards Present	Existing Control Measures	Persons at Risk	Worst Typical Outcome	Probability after control	Overall Risk Factor	Tolerable	Additional Controls Required
Customer malice towards staff	• Staff must follow Marshal Policy guidelines, including the use of the emergency panic fob.	Staff	3	1	3	Yes	No
Terrorist attack	• Staff must follow government guidelines as posted in the staff office.	Staff & Customers	5	1	5	Yes	No
Food Allergies - From the main 14 allergens the food we serve contains: wheat, sesame, soya, celery, milk, oats, sulphur dioxide and sulphates. Food may contain or made in the same factory as nuts.	•All staff must complete a level 2 food hygiene online course at the start of employment and cannot be allowed to work in the kitchen unsupervised until this course is completed. •All supervisors are to complete the online FSA food allergy and intolerance training course. •A list of all the allergens in the food we supply is available in the kitchen folder and the Health and Safety folder in the office. These are checked every month for changes. •Packaging of food available to check allergens on day. •Allergies written on a yellow wristband for the child with the allergy. •Yellow food order slips to indicate an allergy. •All allergies or dietary preference food orders to be signed off by a supervisor. •Separate yellow cooking equipment for all allergy/intolerance and dietary preference food orders. •All equipment and cooking areas to be cleaned and wiped down between uses and kept separate from other food.	Staff & Customers	4	1	4	Yes	No
Flashing Lights in party area when birthday music played	• Lights don't flash quicker than 5 seconds to avoid risk of seizures.	Staff & Customers	2	0	0	Yes	No

Monitoring Required
At all times it is the responsibility of the Duty Supervisor to ensure that the control measures identified by this risk assessment are maintained. In the event of deviation from standard operating conditions a further risk assessment must be conducted

Assessor	Andrew Ashton	**Date of Assessment**	03/11/2026
Countersigned	Sami Lavene		