

# Risk Assessment – Laser Quest

| Hazard Area | Risk                                                               | Existing Controls                                                                                                                                                                                                                                        | Likelihood<br>1 - 5  | Severity<br>1 - 5    | Risk Score<br>L x S  | Further Action to take                                                                                                                                                         |
|-------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Laser Tag   | Over enthusiastic participants                                     | Responsible person supervising at all times.                                                                                                                                                                                                             | 2                    | 1                    | 1                    | In the event of large numbers of participants trained operators should be supplied to the inflatable to aid with large numbers.                                                |
| Laser Tag   | Jumping over doorway lips inside the inflatable                    | Responsible person supervising at all times. Doorways are painted bright yellow & white to highlight their presence.                                                                                                                                     | 1                    | 1                    | 1                    | None                                                                                                                                                                           |
| Laser Tag   | Being trapped in one of the inflatable maze pods                   | Each pod has separate chambers, the doors are not permanently attached.                                                                                                                                                                                  | 1                    | 1                    | 1                    | None                                                                                                                                                                           |
| Laser Tag   | Suffocation                                                        | All the pods are sealed together so the air takes longer to escape & therefore the participants have longer to escape.                                                                                                                                   | 1                    | 2                    | 2                    |                                                                                                                                                                                |
| Laser Tag   | Danger of unnecessary injury.                                      | Ensure that no one with a history of back or neck problems or who suffers from a heart complaint uses the Inflatable or anyone who is feeling unwell or suffering the effects of alcohol or drugs & Pregnant women may NOT use any equipment at anytime. | 1                    | 5                    | 5                    | None                                                                                                                                                                           |
| Laser Tag   | Overloading or Tipping over.                                       | No user weighing over 90kg or 14 stone is permitted to use the equipment at any time.                                                                                                                                                                    | 1                    | 5                    | 5                    | None                                                                                                                                                                           |
| Laser Tag   | Larger participants colliding with smaller participants            | Responsible person supervising at all times.                                                                                                                                                                                                             | 1                    | 1                    | 1                    | Participants put in to groups of similar size.                                                                                                                                 |
| Laser Tag   | Adverse weather conditions.                                        | The item will be switched off in heavy rain and is not permitted to run in strong winds as both these conditions can be deemed a health and safety risk.                                                                                                 | Dependant on weather | Dependant on weather | Dependant on weather | None                                                                                                                                                                           |
| Laser Tag   | Danger of injury from hard surfaces.                               | The Inflatable must never be mounted unless the inflatable bed is fully inflated whether the inflatable is in operation or not as this can lead to serious injury. The floors in the maze are only 3mm thick so care should be taken at all times.       | 1                    | 4                    | 4                    | None                                                                                                                                                                           |
| Laser Tag   | Injury through lack of supervision.                                | A fully trained operator must be present with the unit at all times, in the event that the operator is not in view Do Not enter the any circumstances.                                                                                                   | 1                    | 5                    | 5                    | None                                                                                                                                                                           |
| Laser Tag   | Tripping over anchorage points, spare equipment, electrical cables | Anchor points used as per manufacturers instructions and spare equipment erected safely or stowed away. Where possible electrical cable does not cross any public pathway.                                                                               | 1                    | 1                    | 1                    | In the event of large numbers of participants attending or large events, additional safety fencing may be erected, electrical cables should be erected overhead or covered and |
| Laser Tag   | Injury through incorrect positioning.                              | Do not move or try to reposition the inflatable under any circumstances and ensure that the anchors are in place at all times.                                                                                                                           | 1                    | 2                    | 2                    | None                                                                                                                                                                           |
| Laser Tag   | Petrol Blower, Generator<br>Risk of fire                           | Blowers/generators filled with fuel before delivery, units are fire retardant.                                                                                                                                                                           | 3                    | 1                    | 1                    | All spare fuel is stored in suitable marked container, and in a safe location, units switched off during refuelling.                                                           |
| Laser Tag   | Choking                                                            | No food drinks or chewing gum to be allowed on or near the Inflatable.                                                                                                                                                                                   | 1                    | 4                    | 4                    | None                                                                                                                                                                           |
| Laser Tag   | Injury through 3 <sup>rd</sup> party items                         | All shoes, glasses, jewellery, badges MUST be removed before using this Inflatable.                                                                                                                                                                      | 1                    | 5                    | 5                    | None                                                                                                                                                                           |
| Laser Tag   | Danger of fire.                                                    | No smoking or barbecues near the Inflatable at any time.                                                                                                                                                                                                 | 1                    | 5                    | 5                    | None                                                                                                                                                                           |
| Laser Tag   | Danger of falling from height.                                     | Climbing, hanging or sitting on walls is DANGEROUS and must not be allowed at any time, All our beds have low walls for supervision purposes, this rule is exceptionally important when the inflatable is erected on hard surfaces.                      | 1                    | 3                    | 3                    | None                                                                                                                                                                           |
| Laser Tag   | Injury through 3 <sup>rd</sup> party & spectators.                 | Always ensure that the area surrounding the Inflatable is not overcrowded.                                                                                                                                                                               | 2                    | 3                    | 6                    | None                                                                                                                                                                           |
| Laser Tag   | Emergency                                                          | In the event that someone is seriously injured, DO NOT move the individual, leave the inflatable switched on and dial 999 immediately.                                                                                                                   | 1                    | 5                    | 5                    | None                                                                                                                                                                           |
| Laser Tag   | Injury through lack of inflatable pressure or suffocation.         | Do not allow anyone to be on the Inflatable during inflation or deflation as this can be EXTREMELY DANGEROUS.                                                                                                                                            | 1                    | 2                    | 2                    | None                                                                                                                                                                           |

L=Likelihood S=Severity L\*S= Risk 1=Low 5=High

Risk is worked out using numbers 1 - 5. The likelihood is given a number and this is multiplied by the number given to the severity of the risk.

The result = the risk factor. This generic risk assessment is brief and we have our own individual assessments for each individual risk, 25 being the worst possible outcome, any item reaching 25 would give serious cause for concern & we would not be able to erect the unit. It is recommended that clients undertake their own risk assessment to suit their requirements.