

Infinite
Durham

Coretech Sports t/a Infinite Air (DH1 1GG)








Risk Assessment for

Indoor Trampoline Park - Bag Jump

Air Bag

Reference number	DUN2248833
Assessor	Emma Smith
Date completed	26/06/24
Review Schedule	Annually
Review date	26/06/25
Approved date	
Approved by	
Affected site(s)	Coretech Sports t/a Infinite Air (DH1 1GG)






Hazards and controls

 Hazard: Air Bag Injuries		
Sustained through mis-landing		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Management, Members of the Public, Operators</p> <p>Sustained through mis-landing</p>	<ul style="list-style-type: none">  All staff are trained in safety procedures  Always at least one staff member supervising use  Maximum User Weight Threshold  Routine Maintenance Undertaken Bag checks and monitoring completed daily.  User Rules System Operated Written safety rules displayed by posters and communicated by staff following a safety brief which also communicates these rules. 	<div style="border: 1px solid orange; border-radius: 15px; padding: 5px; display: inline-block;">  Medium Risk: 24 </div> <p>Likelihood: 3/9 Severity: 8/9</p>



Hazard: Inappropriate Use





Should users have been mis-trained.

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Members of the Public</p> <p>Should users have been mis-trained.</p>	<ul style="list-style-type: none"><li data-bbox="875 357 1664 437"> Ensures users have nothing in their mouth before use<li data-bbox="875 480 1637 528"> Signs encouraging safe usage displayed clearly<li data-bbox="875 564 1547 612"> Staff communicate safe usage to all users<li data-bbox="875 660 1603 740"> Staff fully trained in correct usage techniques Training reviewed/refreshed regularly for all staff.	<p data-bbox="1794 357 2040 405"> Medium Risk: 10</p> <p data-bbox="1816 437 2011 469">Likelihood: 5/9</p> <p data-bbox="1832 485 1995 517">Severity: 2/9</p>



Hazard: Slips & Trips




While landing on / dismounting the air bag.

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Members of the Public</p> <p>While landing on / dismounting the air bag.</p>	<ul style="list-style-type: none">  All staff are trained in good housekeeping techniques  Daily housekeeping inspections are carried out  Good Housekeeping Observed  Grip Socks must be worn by all users at all times while using the equipment 	<p> Low Risk: 6</p> <p>Likelihood: 3/9 Severity: 2/9</p>








Hazard: Collisions with persons

Risk of injury to person during use

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Management, Members of the Public, Operators</p> <p>Risk of injury to person during use</p>	<ul style="list-style-type: none">  Only one supervising adult per child allowed Safety Procedures  Only one person to jump from a platform at any one time. This is at the instruction of the supervising staff member. 	<p> Low Risk: 4</p> <p>Likelihood: 2/9 Severity: 2/9</p>










Hazard: Contact with floor due to Air Bag Movement

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Members of the Public</p> <p>Contact with floor due to Air Bag Movement</p>	<ul style="list-style-type: none"><li data-bbox="875 264 1402 312"> Bag placed in purpose built pit<li data-bbox="875 347 1447 395"> Bag secured with anchor supports<li data-bbox="875 430 1514 478"> Floor matting installed around air bags<li data-bbox="875 513 1603 561"> Rubber crumb padding in the base of the pit	<p data-bbox="1823 264 2007 325"> Low Risk:</p> <p data-bbox="1816 357 2013 384">Likelihood: 0/9</p> <p data-bbox="1832 403 1998 430">Severity: 5/9</p>

 **Hazard: Emergency Evacuation**










Leaving the building from the under arena in the event of an emergency.

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors</p> <p>Leaving the building from the under arena in the event of an emergency.</p>	<ul style="list-style-type: none"><li data-bbox="875 347 1352 400"> Adequate lighting provided<li data-bbox="875 443 1644 523"> All aisles and gangways kept clear to avoid slips and trips<li data-bbox="875 566 1503 619"> Fire Emergency Call Points Maintained<li data-bbox="875 651 1346 703"> Fire Extinguishers Available<li data-bbox="875 735 1328 788"> Routine Fire Alarm Testing<li data-bbox="875 836 1700 906"> Staff specifically trained on safe evacuation from the air bag	<p data-bbox="1823 352 2007 411"> Low Risk:</p> <p data-bbox="1816 443 2011 469">Likelihood: 0/9</p> <p data-bbox="1832 491 1995 517">Severity: 1/9</p>



Hazard: Equipment Failure (Inc Failing Bag Pressure Levels)








As a result of damage, malfunction or wear and tear.

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Members of the Public</p> <p>As a result of damage, malfunction or wear and tear.</p>	<p>Air Bag installed by competent body</p> <p> Equipment has been manufactured and installed by an appointed body, who has advised all responsible staff on appropriate monitoring techniques.</p> <p> Area Restricted (DO NOT USE) if damage is found</p> <p> Checks and repairs completed by appointed installation body</p> <p>Electrical Equipment Visually Checked Before Use</p> <p> Electrical equipment is visually examined for damage before use.</p> <p>Electrical Multi-plugs & Leads Not Over-loaded</p> <p> Multi-gang extension sockets and adaptors are not over-loaded due to fire risk</p> <p>Electrical Safety Check (PAT) Undertaken</p> <p> Electrical safety check undertaken for portable appliances</p> <p> Regular inspections completed and documented</p> <p>Whooping system in place</p> <p> Visual light and sounder to alert of power failure to fans. Staff trained to respond to this.</p>	<p> Low Risk:</p> <p>Likelihood: 0/9 Severity: 4/9</p>



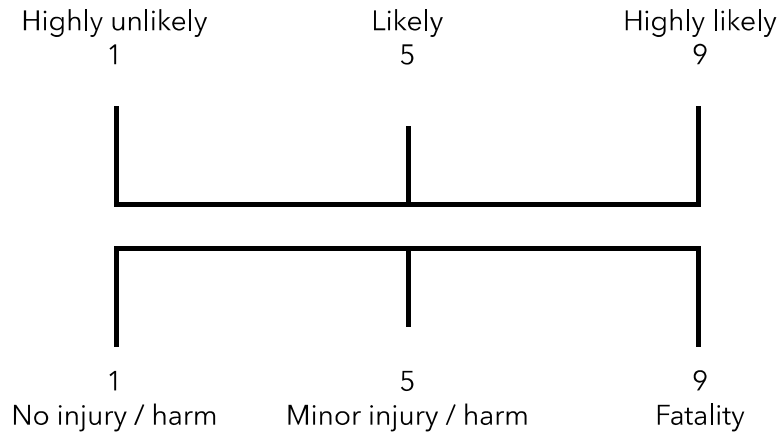
Hazard: Fall From Height

Serious Injury - Head injury/Spinal Injury/Fracture/Dislocation/Shock/Major Bleed/Concussion, Death

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Members of the Public</p> <p>Serious Injury - Head injury/Spinal Injury/Fracture/Dislocation/Shock/Major Bleed/Concussion, Death</p>	<ul style="list-style-type: none"><li data-bbox="987 363 1615 435"> At least one supervising staff member available at all times<li data-bbox="987 491 1630 563"> Floor matting installed around jumping equipment<li data-bbox="987 619 1621 754"> Maximum Weight Usage Thresholds In Place Advised at no more than 25 stone.<li data-bbox="987 802 1626 938"> Ongoing Checks and Monitoring Air pressure levels and general maintenance checked regularly.<li data-bbox="987 986 1637 1058"> Users asked to land in certain positions. (back, bum or side of body)<li data-bbox="987 1114 1697 1185"> Warning Signs Displayed Applied safety rules are clear on relevant signage.	<p data-bbox="1823 355 2007 411"> Low Risk:</p> <p data-bbox="1816 443 2013 467">Likelihood: 3/9</p> <p data-bbox="1832 491 1998 515">Severity: 0/9</p>

Risk rating explanation

Risk ratings are calculated by considering the likelihood of an event occurring along with the severity of the potential consequence should an accident occur. After considering existing control measures, values are assigned to the likelihood and severity from the scales below and these figures multiplied to established the risk rating.



Severity ↑	9	9	18	27	36	45	54	63	72	81
	8	8	16	24	32	40	48	56	64	72
	7	7	14	21	28	35	42	49	56	63
	6	6	12	18	24	30	36	42	48	54
	5	5	10	15	20	25	30	35	40	45
	4	4	8	12	16	20	24	28	32	36
	3	3	6	9	12	15	18	21	24	27
	2	2	4	6	8	10	12	14	16	18
	1	1	2	3	4	5	6	7	8	9
		1	2	3	4	5	6	7	8	9
		Likelihood →								

What do your risk ratings mean?

- Risk is categorised as LOW: Look to reduce risk if practicable
- Risk has been categorised as MEDIUM: Begin to plan your action to reduce the risk immediately
- Risk has been categorised as HIGH: Immediate action required to reduce the risk

Coretech Sports t/a Infinite Air (DH1 1GG)







Risk Assessment for







Indoor Trampoline Park - Arena






Indoor Trampoline Park - Arena

Reference number	DUN2248836
Assessor	Emma Smith
Date completed	26/06/24
Review Schedule	Annually
Review date	26/06/25
Approved date	
Approved by	
Affected site(s)	Coretech Sports t/a Infinite Air (DH1 1GG)

Hazards and controls

 Hazard: Children - 6 years and younger		
Lack of supervision of younger children		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Members of the Public</p> <p>Physical injuries caused by collisions (between individuals and/or equipment), falls, slips and trips</p>	<ul style="list-style-type: none">  All children under 6 must be easily identifiable Use of wrist band or bib/waistcoat.  Children under 6 are restricted to designated areas .  Children under 6 are to be accompanied at all times  Children under 6 should be wearing grip socks at all times 	<div style="border: 1px solid orange; border-radius: 15px; padding: 5px; display: inline-block;">  Medium Risk: 4 </div> <p>Likelihood: 2/0 Severity: 2/0</p>



 Hazard: Arena Lighting		
Inadequate lighting falling below the levels required for the activity		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Members of the Public</p> <p>Physical injury resulting from impacts, falls, slips and trips</p>	<p>Adequate Lighting Provided</p> <p> British Gymnastics Trampoline Code of Practice recommends 'lighting should be bright and even avoiding dazzle'.</p> <p> Regular visual inspections carried out</p> <p> Routine Maintenance Undertaken</p> <p> Routine Maintenance Undertaken</p>	<p> Low Risk:</p> <p>Likelihood: 0/0 Severity: 0/0</p>

 Hazard: Arena Matting Changes		
Changes in layout not being communicated to members of staff/public and leading to accidents		
Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Management, Members of the Public</p> <p>Physical injuries resulting from impacts, falls, slips and trips</p>	<p> Area restricted during use</p> <p>Matting condition graded</p> <p> Matting surpassing a certain grade of wear and tear is replaced.</p> <p> Netting must remain in place at all times</p>	<p> Low Risk:</p> <p>Likelihood: 0/0 Severity: 0/0</p>



Hazard: Crowd numbers / Over-capacity





Too many people on site could make evacuation difficult in the event of emergency.

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Members of the Public</p> <p>Physical injuries resulting from crushes, slips, trips and falls; fire/smoke injuries, fatalities; psychological trauma.</p>	<p>Access Into The Premises Is Controlled</p> <p> Access into the premises is controlled so no unauthorised persons can enter.</p>	<p> Low Risk:</p> <p>Likelihood: 0/0 Severity: 0/0</p>



Hazard: Customer Behaviour





Verbal or physical abuse.

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Members of the Public</p> <p>Physical and/or psychological injuries</p>	<p> Members of the public given full safety brief Before entering the arena.</p> <p>Staff communication procedure</p> <p> Staff will communicate with colleagues and members of the public should they feel they are not adhering to safety procedures/rules.</p> <p> Violence at Work Policy All employees trained in dealing with difficult situations.</p>	<p> Low Risk:</p> <p>Likelihood: 0/0 Severity: 0/0</p>



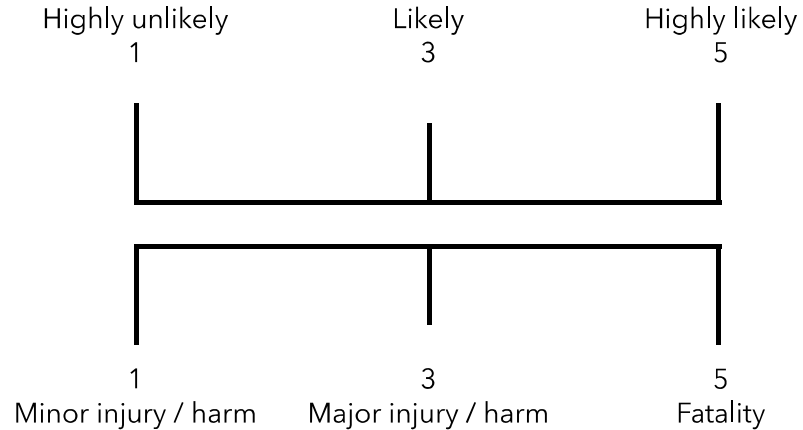
Hazard: Damaged Equipment / Arena Fittings

Accidental/ malicious damage to arena equipment, including basketball and dodge ball equipment

Who can be harmed/how?	Controls in place	Risk rating
<p>All Staff, Contractors, Members of the Public</p> <p>Physical injuries including cuts, abrasions, contusions, and soft tissue injuries</p>	<p>Clear Communication Channels</p> <p> Staff will communicate any known fault to supervisory staff and act immediately.</p> <p>Faulty Equipment Barrired To Restrict Use</p> <p> Formal/Documented Maintenance Checks Completed</p> <p> Staff are appointed to ensure all areas of the arena are in good working order throughout opening hours.</p>	<p> Low Risk:</p> <p>Likelihood: 1/0 Severity: 0/0</p>

Risk rating explanation

Risk ratings are calculated by considering the likelihood of an event occurring along with the severity of the potential consequence should an accident occur. After considering existing control measures, values are assigned to the likelihood and severity from the scales below and these figures multiplied to established the risk rating.



A risk matrix table with Likelihood on the horizontal axis and Severity on the vertical axis. The cells contain the product of the two values, color-coded by risk level: Green for Low (1-5), Yellow for Medium (6-12), and Red for High (15-25).

		5	4	3	2	1
5	5	10	15	20	25	
4	4	8	12	16	20	
3	3	6	9	12	15	
2	2	4	6	8	10	
1	1	2	3	4	5	
	1	2	3	4	5	

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