

**CYC Phillip Island Adventure Resort  
Circotron – Risk Management Plan**

<b>School:</b>	<b>Year Level:</b>
<b>Supervising teachers / staff:</b>	<b>Dates:</b>
<b>Program / Excursion:</b>	<b>Location:</b>

For an explanation of risk management terminology and to ensure you understand how the rating / grading system is determined please ensure you have read the **CYC Activity Risk Profile** document.

The Circotron Risk Management Plan contains the specific risks, control measures and gradings for this activity, as well as the gradings of all general risks relevant for all CYC activities. Please refer to the **General Activity Hazards – Risk Management Plan** for a list of general risks and control measures relevant for all CYC activities.

Risk Description	Existing Control Measures	Risk Rating		
		Likelihood	Consequence	Control Effectiveness
<b>Striking / Crushing</b> Injury caused by; 1. Participant falling from Circotron whilst in operation	<ul style="list-style-type: none"> <li>All participants are required to wear a helmet when completing the Circotron.</li> <li>Participants must follow ride procedures as outlined by instructor prior to commencing</li> <li>Instructor must ensure all participants are securely attached using the foot and waist straps before releasing locking lever</li> <li>After attaching straps participant is asked to try and remove feet (escape) from the foot restraints</li> <li>Correct shoes must be worn to ensure sufficient coverage of the Velcro straps</li> <li>Height restrictions apply for taller participants</li> </ul>	Unlikely	Major	Satisfactory
2. Bystander coming into contact with Circotron whilst in operation	<ul style="list-style-type: none"> <li>All bystanders must stay behind the boundary rope and are instructed not to lean or push on the boundary rope as the boundary cones are not securely anchored to the ground</li> <li>Entry and exit must be from the designated areas, participants are not permitted to walk across in front of the rings at any time</li> </ul>	Rare	Moderate	Satisfactory
3. Instructor coming into contact with Circotron whilst in operation	<ul style="list-style-type: none"> <li>Instructors should only spin and slow down the Circotron using the outer ring. Contact with this ring should only be made from the designated area</li> <li>Instructors should remain clear of the rings when they are in motion</li> </ul>	Rare	Moderate	Satisfactory
<b>Entanglement</b> Hair, jewellery etc.	<ul style="list-style-type: none"> <li>Long hair tied back in a low style so the helmet can be fitted correctly</li> <li>No loose jewellery or objects are to be worn that may strike the participant whilst spinning</li> <li>Pockets must be emptied before commencing the ride to avoid entanglement of contact with any objects</li> </ul>	Rare	Minor	Satisfactory
<b>Manual Handling</b> Instructor overuse injury	<ul style="list-style-type: none"> <li>Instructors should not need to spin the rings constantly. They only need to give a few initial spins to help build momentum. NB: if the platform height is set correctly, the participants will be able to maintain the momentum of the rings themselves after a few initial spins from the instructor</li> </ul>	Unlikely	Minor	Satisfactory

<p><b>Equipment Failure</b></p> <p>Injury caused by worn straps</p>	<ul style="list-style-type: none"> <li>The instructor completes a check of all equipment (foot straps, waist straps) when setting up Circotron</li> <li>Program staff are trained to recognize worn or faulty equipment</li> <li>Regular equipment checks are completed and recorded by site program staff</li> </ul>	Unlikely	Major	Satisfactory
<p><b>Structure Failure</b></p>	<ul style="list-style-type: none"> <li>A visual inspection of the Circotron structure is completed prior to use</li> <li>Thorough periodic in-house maintenance checks are completed by program staff</li> <li>If the equipment structure is damaged or unsafe it is not used until appropriate repairs have been completed</li> </ul>	Unlikely	Major	Satisfactory

**Risk Rating - Circotron**

All identified risks are recorded in the Risk Matrix according to the Likelihood and Consequence ratings. The purpose of this matrix is to provide a snapshot of all identified risks and establish the level of risk associated to determine if further treatment is required.

X		Likelihood					
		Almost Certain	Likely	Possible	Unlikely	Rare	
Consequence	Catastrophic	80	64	48	32	16	<ul style="list-style-type: none"> <li>Environmental Exposure 4</li> <li>Environmental Hazard 3</li> </ul>
	Major	40	32	24	16	8	<ul style="list-style-type: none"> <li><b>Striking / Crushing 1</b></li> <li>Environmental Hazard 1</li> <li>Inappropriate use after hours</li> <li>People – Instructor 1 &amp; 2</li> <li>People – Group Leader 2</li> </ul>
	Moderate	20	16	12	8	4	<ul style="list-style-type: none"> <li>People – participant behaviour</li> <li><b>Equipment Failure</b></li> <li><b>Structure Failure</b></li> <li>Environmental Exposure 2</li> <li><b>Striking / Crushing 2 &amp; 3</b></li> <li>Environmental Exposure 3</li> </ul>
	Minor	10	8	6	4	2	<ul style="list-style-type: none"> <li>Slip-Trip-Fall</li> <li>Environmental Exposure 1</li> <li>Environmental Hazard 2</li> <li>People – participant ability</li> <li><b>Manual Handling</b></li> <li>Entanglement</li> <li>Cutting / Scratching</li> <li>Striking</li> <li>People – Group Leader 1</li> <li><b>Entanglement</b></li> </ul>
	Insignificant	5	4	3	2	1	

NB: All risks in **bold** are Circotron specific risks. All other risks are from the General Activity Hazards RMP and are therefore relevant for all activities.

For grading risks, scores obtained from the risk matrix are assigned grades as follows;

HIGH 20 – 80	MEDIUM 10 – 16	LOW 1 – 8
Unacceptable risk which requires immediate action to reduce or remove the hazard. Senior management <b>must</b> be notified. Item should be <b>TAKEN OFF LINE</b> until risk reduced.	Conditionally acceptable, requires short term controls and continuous monitoring.	Acceptable risk, however monitoring required ensuring risk does not escalate. Review in 12 months or if situation changes.