

**CYC The Island
Circatron – Risk Management Plan**

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|--------------------------------------|--------------------|
| School: | Year Level: |
| Supervising teachers / staff: | Dates: |
| Program / Excursion: | Location: |

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 Circatron 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 |
| Striking / Crushing Injury caused by; <ol style="list-style-type: none"> Participant falling from or hitting the Circatron whilst in operation | <ul style="list-style-type: none"> Participants must follow ride procedures as outlined by instructor prior to commencing Instructor must ensure all participants are securely attached to the boots After connecting boots, the participant is asked to try and remove feet from the boots Ensure participants comply with height restrictions | Rare | Major | Satisfactory |
| <ol style="list-style-type: none"> Bystander coming into contact with Circatron whilst in operation | <ul style="list-style-type: none"> All bystanders must stay behind the boundary fence Entry and exit must be from the designated areas and only when permitted by instructor | Rare | Moderate | Satisfactory |
| <ol style="list-style-type: none"> Instructor coming into contact with Circatron whilst in operation | <ul style="list-style-type: none"> Instructors should only spin and slow down the Circatron using the outer ring. Contact with this ring should only be made from the designated area Instructors should remain clear of the rings when they are in motion | Rare | Moderate | Satisfactory |
| Entanglement Hair & jewellery etc. | <ul style="list-style-type: none"> There should be no loose jewellery or objects worn that may become entangled Long hair should be restrained so as not to be caught in structure Pockets must be emptied before commencing the ride to avoid entanglement or contact with any objects | Rare | Minor | Satisfactory |
| Manual Handling Instructor overuse injury | <ul style="list-style-type: none"> Ensure group leaders take care when spinning the rings for Circatron momentum Instructors should not need to spin the rings constantly. They only need to give a few initial spins to help build momentum | Unlikely | Minor | Satisfactory |
| Equipment / Structure Failure | <ul style="list-style-type: none"> A visual inspection of the circatron is completed by camp staff prior to use Thorough monthly in-house maintenance checks are completed by trained program staff Periodic activity checks are completed by qualified independent professionals If structure is unsafe the activity is not to be undertaken until appropriate repairs have been completed Ensure group leader reports any damage or wear to the Circatron as soon as practical to a CYC Staff Member Regular checks are completed of bearing, retaining devices, braking system and framework Grease points are serviced and maintained as part of the maintenance schedule | Rare | Major | Satisfactory |

Risk Rating - Circatron

All identified risks are recorded in the Risk Matrix according to the Likelihood and Consequence. 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"> Environmental Exposure 4 Environmental Hazard 3 |
| | Major | 40 | 32 | 24 | 16 | 8 | <ul style="list-style-type: none"> Environmental Hazard 1 Inappropriate use after hours People – Instructor 1 & 2 People – Group Leader 2 Striking / Crushing 1 Equipment / Structure Failure |
| | Moderate | 20 | 16 | 12 | 8 | 4 | <ul style="list-style-type: none"> People – participant behaviour Environmental Exposure 2 Striking / Crushing 2 & 3 Environmental Exposure 3 |
| | Minor | 10 | 8 | 6 | 4 | 2 | <ul style="list-style-type: none"> Slip-Trip-Fall Environmental Exposure 1 Environmental Hazard 2 People – participant ability Manual Handling Entanglement Cutting / Scratching Striking People – Group Leader 1 Entanglement |
| | Insignificant | 5 | 4 | 3 | 2 | 1 | |

NB: All risks in **bold** are Circatron 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 must be notified. Item should be TAKEN OFF LINE 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. |