



# Giant Swing Risk Management Plan

CCC Central Coast

School: \_\_\_\_\_ Year: \_\_\_\_\_ Dates: \_\_\_\_\_

Program: \_\_\_\_\_ Supervising Staff: \_\_\_\_\_

## Activity Context

Giant Swing is a great activity for challenging participants both individually and as a group. The group helps to pull up a harnessed participant to a height of up to 18 metres, where the participant pulls a cord to release themselves and swing as high as the tree tops.

This document contains the specific risks, control measures and grading for the giant swing activity. Please refer to the document **General Activity RMP – CCC Central Coast** for a list of general risks and control measures relevant for all CCC Central Coast activities, as well as risk rating information.

## Risk Management Plan

Hazard / Risk Description	Existing Control Measures	Risk Rating		
		Likelihood	Consequence	Control Effectiveness
<i><b>Giant Swing Specific – Risk factors specifically associated with the giant swing activity at CCC Central Coast</b></i>				
<b>Fall from height</b>	<ul style="list-style-type: none"> <li>Pre-activity briefing conducted by Activity Leader</li> <li>All participants must wear correctly fitted harnesses and helmets, and be connected to safety equipment</li> <li>Giant swing has backup cables</li> <li>Activity Leaders check that participants are connected to swing and check equipment prior to participant starting</li> </ul>	Rare	Catastrophic	Medium
<b>Fall from ladder</b>	<ul style="list-style-type: none"> <li>Ladder has rails on platform and handrails for climbing</li> <li>Participants briefed to face ladder when climbing up and down</li> <li>Activity Leader helps spot while participant climbs</li> <li>Participant wears a helmet</li> </ul>	Rare	Moderate	Low
<b>Impact</b> By participant on swing - To other persons - To ladder	<ul style="list-style-type: none"> <li>Boundaries identified to group at start of the activity</li> <li>Swinging area marked by fence</li> <li>Activity Leader moves ladder out of swinging area as part of activity procedure prior to each swing</li> <li>Neoprene covers used as carabineer guards that the participant is connected to</li> </ul>	Rare	Major	Low
<b>Whiplash</b> From swinging participant coming to abrupt stop	<ul style="list-style-type: none"> <li>No knots or loops tied in tow rope</li> <li>Pulley guides tow rope</li> <li>Participants required to hold onto tow rope until participant on swing has pulled cord</li> </ul>	Unlikely	Major	Medium
<b>Entanglement</b> By participants pulling tow rope (in tow rope)	<ul style="list-style-type: none"> <li>No knots or loops tied in tow rope</li> <li>Participants briefed on proper tow technique prior to first swing</li> <li>Activity Leader briefs participants as they tow the rope</li> </ul>	Rare	Major	Medium

Giant Swing Risk Management Plan – CCC Central Coast

Hazard / Risk Description	Existing Control Measures	Risk Rating		
		Likelihood	Consequence	Control Effectiveness
<b>Entanglement</b> By participant on swing <ul style="list-style-type: none"> <li>- Hair, clothing or jewellery</li> <li>- Recovery rope</li> </ul>	<ul style="list-style-type: none"> <li>• All loose clothing, jewellery and other objects that may become entangled are to be removed/restrained for the activity</li> <li>• Long hair is to be tied back for the activity</li> <li>• Activity Leader guides recovery rope while participant is swinging</li> <li>• Neoprene covers used as carabineer guards that the participant is connected to</li> </ul>	Unlikely	Minor	Low
<b>Rope Burn</b> From tow rope	<ul style="list-style-type: none"> <li>• Participants briefed on proper tow technique prior to first swing</li> <li>• Activity Leader briefs participants as they tow the rope</li> <li>• Participants required to hold onto tow rope until participant on swing has pulled cord to release</li> <li>• At least 6 participants required to be on the tow rope when pulling/holding</li> </ul>	Unlikely	Moderate	Medium
<b>Falling Objects</b> Causing injury; eg. equipment, loose items etc.	<ul style="list-style-type: none"> <li>• All equipment is attached to system, regular checks to ensure no loose items</li> <li>• Participants briefed on not carrying loose items, participants checked for loose items before going on swing</li> </ul>	Rare	Minor	Low
<b>Inverting</b> Where participant flips upside down	<ul style="list-style-type: none"> <li>• Proper harness fitting demonstrated, and harnesses checked for each participant prior to going on swing</li> <li>• Harnesses are full body harnesses</li> </ul>	Unlikely	Minor	Low
<b>Participant stuck on swing</b> Emotionally (won't pull cord)	<ul style="list-style-type: none"> <li>• Activity run on challenge by choice principles</li> <li>• Participants given choice about height they want to be pulled to</li> <li>• Groups encouraged to be supportive</li> <li>• Participant can be lowered</li> </ul>	Possible	Minor	Medium
<b>Structure Failure</b> Safety of the giant swing structure	<ul style="list-style-type: none"> <li>• Giant swing poles and cables installed by qualified course builders</li> <li>• Regular inspections of structure and anchors performed by qualified staff</li> <li>• Yearly inspections by external assessor performed</li> </ul>	Rare	Catastrophic	Medium

### Risk Rating Matrix

All identified risks are recorded in the following risk matrix according to likelihood and consequence. The purpose of this matrix is to provide a snapshot of all identified risks and establish the level of risk to determine if further treatment is required.

Likelihood	Consequences				
	1 - Insignificant	2 - Minor	3 - Moderate	4 - Major	5 - Catastrophic
1 - Rare	1	2 Falling object	3 Fall from ladder	4 Impact, entanglement 1	5 Fall from height, structure failure
2 - Unlikely	2	4 Entanglement 2, inverting	6 Rope burn	8 Whiplash	10
3 - Possible	3	6 Participant stuck	9	12	15
4 - Likely	4	8	12	16	20
5 - Almost certain	5	10	15	20	25

### Risk Treatment

#### 1-4 Low Risk

- Risk does not generally need to be managed any further (current controls are adequate), however the risk needs to be monitored for changes in circumstances and current control effectiveness.
- Risk generally may be accepted.

#### 5-9 Medium Risk

- Risk needs to be regularly monitored for any changes and control/treatment effectiveness.
- Risk may be accepted after consideration.

#### 10-14 High Risk

- Risk is unacceptable, risks must be further treated or removed to bring rating to medium
- Risks are to be re-assessed by Activities Manager

#### 15+ Extreme Risk

- Unacceptable risk, urgent attention is required to treat or remove risks
- Management to consider elimination of activity

Risk Assessment Conducted by: *Program Manager, CCC Central Coast*

Date of Risk Assessment: *18<sup>th</sup> May 2020*

Date of Next Review: *May 2021*