



Quad Bikes Risk Management Plan

CCC Central Coast

School: _____ Year: _____ Dates: _____

Program: _____ Supervising Staff: _____

Activity Context

Quad bike riding is a fun and exciting activity in which participants are challenged in their skills of coordination, teamwork and decision making. Participants are instructed on how to ride a quad bike and how to use the provided safety equipment before riding on the specially designed quad track. The quad track is a circuit lined with tyres in which participants ride in groups of 4. Each group of riders has a set time limit to ride before swapping with another participant.

This document contains the specific risks, control measures and grading for the quad bike 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>Quad bikes – Risk factors specifically associated with the activity of riding quad bikes at CCC Central Coast</i>				
Falling From bike	<ul style="list-style-type: none"> Participants required to wear correct attire (Long pants, enclosed sturdy footwear) Participants required to wear safety equipment (helmet, goggles) Bikes are speed limited Participants are briefed on riding bike correctly Participants briefed on what to do if bike crashes First aid kit and trained staff available 	Possible	Moderate	Medium
Impact From bike hitting object	<ul style="list-style-type: none"> Participants required to wear correct attire (Long pants, enclosed sturdy footwear) Participants required to wear safety equipment (helmet, goggles, knee/elbow pads) Sticks removed from quad track prior to activity Bikes are speed limited Participants are briefed on riding bike correctly Activity Leader supervises participants on track, and will remove participants from track if they are riding unsafely Maintained tyre wall surrounds track Participants briefed on what to do if bike crashes Participants briefed on how to overtake First aid kit and trained staff available 	Possible	Moderate	Medium
Impact To other participants by bike	<ul style="list-style-type: none"> Bikes are speed limited Participants are briefed on riding bike correctly 	Rare	Major	Low

Quad Bikes Risk Management Plan – CCC Central Coast

Hazard / Risk Description	Existing Control Measures	Risk Rating		
		Likelihood	Consequence	Control Effectiveness
	<ul style="list-style-type: none"> Activity Leader supervises participants on track, and will remove participants from track if they are riding unsafely Maintained tyre wall surrounds track Non-riding participants required to stay off track and out of pit area while bikes are in motion 'Pit-area' separated by tyre wall from main track First aid kit and trained staff available 			
Burns From engines	<ul style="list-style-type: none"> Participants required to wear correct attire (Long pants, enclosed sturdy footwear) Running water available close by Activity Leaders trained in first aid First Aid kit present (with burn gel) 	Unlikely	Minor	Low
Grazes / Cuts From falling onto track / ground etc.	<ul style="list-style-type: none"> Participants briefed on riding correctly Participants wear elbow/knee pads First aid kit and trained staff available 	Possible	Moderate	Medium
Eye Injury From dust, objects	<ul style="list-style-type: none"> Participants are required to wear goggles First aid kit and trained staff available 	Unlikely	Moderate	Medium
Hazardous track conditions Increasing likelihood of incident	<ul style="list-style-type: none"> Track checked prior to activity by Activity Leader Track maintained (resurfaced) as required Maintained tyre wall surrounds track to help keep riders on track Activity cancelled/rescheduled if track conditions become hazardous Participants briefed about potentially hazardous track conditions 	Unlikely	Moderate	Medium
Participant Ability Fear / Anxiety Complacency / Overconfidence Physical Ability	<ul style="list-style-type: none"> Participation is based on meeting requirements Demonstration of understanding and/or skills must be shown prior to undertaking activity (Start, stop and steer) Participants are guided through activity supportively by Activity Leader Participants that demonstrate inability to effectively control bike will be given further coaching and close monitoring by activity leader before being allowed to continue on the track Activity Leader supervises participants on track, and will remove participants from track if they are riding unsafely 	Unlikely	Major	Medium
Equipment Failure Due to improper use, faulty / damaged equipment	<ul style="list-style-type: none"> Activity Leaders trained in pre-activity bike checks Bikes regularly maintained by on site personnel with mechanical experience Spare bike available for breakdowns 	Unlikely	Moderate	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	3	4 Impact 2	5
2 - Unlikely	2	4 Burns	6 Eye injury, track conditions, equipment failure	8 Participant ability	10
3 - Possible	3	6	9 Falling, Impact 1, Grazes	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: *19th May 2020*

Date of Next Review: *May 2021*