



## RISK ASSESSMENT FORM

Hazards & People Exposed

- |                           |              |
|---------------------------|--------------|
| 1. Employees              | 2. Visitors  |
| 3. Contractors            | 4. Customers |
| 5. Members of the public. | 6. Other     |

Company Name: <b>YGC</b>			Work Area: <b>Tingley (Mission Out)</b>			Activity/Machine: <b>Light Trail</b>			RA No:		
What are the hazards?	What are the consequence of the hazardous event?	Who Might be Harmed?	Risk			Current Controls (measures already in place)	Residual Risk			Future Controls (things to be implemented)	Transferred to Risk Reduction Plan Yes/No
			Severity	Likelihood	Total Risk		Severity	Likelihood	Total Risk		
<b>Fall from height:</b> Misuse of safety system	Injury, life changing injury, death	All users	5	5	25	Participant briefing before accessing course. Demonstration, practice and assessment before entering the course. Instructors can refuse entry if participants cannot demonstrate safe use of equipment. Instructor supervision throughout. Re-iteration of safety points.	5	1	5		No
<b>Fall from height:</b> Equipment failure	Injury, life changing injury, death	All users	5	5	25	Ensure equipment if appropriate for the course and fit for purpose. Purchase from reputable retailers. Pre-use checks completed daily by competent instructors. Inspection regime in place during peak operating times, conducted by a competent, trained or experienced PPE inspector and in line with manufacturer and EN guidance. Use of PPE trained to user. Annual inspection completed by Type C inspector. Zaza connectors must be function tested before each use and before entry onto course. Maillons must be secured to both harness attachment points with a spanner before accessing the course.	5	1	5	Observations of staff completed periodically to observe correct attachment pre-commitment checks	Yes

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<b>Fall from height:</b> Incorrect PPE	Injury, life changing injury, death	All users	5	5	25	Correctly sized harness/helmet selected for each participant selected by competently trained instructors. If deemed incorrect, harness/helmet must be changed for an appropriately sized harness/helmet. Participants briefed not to alter harness/helmet after checks completed by instructors or speak to instructor if adjustments need to be made. Lanyard selected for use is an appropriate length for the height of the participants.	5	1	5	Observations of staff completed periodically to observe correct selection of PPE during pre-commitment checks	Yes
<b>Fall from height:</b> Incorrect height / weight	Injury, life changing injury, death	All users	5	5	25	Height: max 193cm. Participants must be tall enough to independently operate the Zaza to be permitted access to the course. Competency is assessed by a suitably qualified instructor. Weight: min N/A, max 120kg All participants have read and agreed that they fall within min/max height and weight parameters. Height chart is available at the high ropes course. Weighing scales available on site.	5	1	5	Observations of staff completed periodically to observe correct pre-commitment checks and personnel requirements	Yes

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<b>Fall from height:</b> structural failure	Injury, life changing injury, death	All users	5	5	25	Course built and inspected in accordance with correct EN15567pt.1. Routine visual checks completed each day the course is in use and recorded. Operational inspections completed as recommended by manufacturer. Completed by competent, experienced, or trained staff. Findings for routine and operational inspections are recorded and monitored. If required, advise can be sought from inspector and/or technical advisors. Periodic inspections completed annually by external inspection body.	5	1	5		<b>No</b>
<b>Fall from height:</b> Primary system failure	Injury, life changing injury, death	All users	5	5	25	Safety system installed by ropes course manufacturer in accordance with safety system's manufacturers requirements. Routine visual checks completed daily when course is in use. Operational inspections completed as recommended by manufacturers guidance. Findings for routine and operational inspections are recorded and monitored. If required, advise can be sought from inspector and/or technical advisors. Periodic inspections completed as per manufacturers guidelines by external inspection body.	5	1	5		<b>No</b>

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<b>Fall from height:</b> Unauthorised user	Injury, life changing injury, death	All users	5	5	25	Ropes course is supervised during operating hours by appropriately trained staff. Fencing and signage located around the course to limit access. Ropes course entry point enclosed in tower and locked during park closing hours. Ladders, ropes and equipment stored in locked tower overnight. Site secured by perimeter fence, locked gates and security alarms. Course may require additional inspection if unauthorised access is suspected. The course may need to remain closed until this is completed.	5	1	5		No
<b>Entrapment:</b> finger or hand caught in safety system	Injury, cuts, bruises, broken bones, disfigurement, neurological damage	All users	4	4	16	Briefing given to all participants prior to use. Cables and connectors not to be held by participants. Briefing to include safe hand positioning on ropes or lanyard. Supervision whilst on the course and reminders given for safe hand positioning on element ropes or lanyard.	4	2	8	Explore other methods of attachment to limit entrapment opportunity.	Yes
<b>Entrapment:</b> Finger or hand caught in activity level	Injury, cuts, bruises, broken bones, disfigurement, neurological damage	All users	3	4	16	Elements are designed to reduce entrapment issues. Loose clothing removed prior to course access. Suitable footwear checked prior to accessing course. Hair tied back securely. Correct height and weight limits adhered to. Supervision and coaching by instructors whilst on the course.	3	1	3		No

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<b>Entrapment: Incorrect clothing</b>	Injury, cuts, bruises, hair entrapment, injury to feet	All users	3	4	12	Loose clothing removed prior to course access. Suitable footwear checked prior to accessing course. Hair tied back securely. Correct height and weight limits adhered to.	3	1	3		
<b>Slips trips and fall:</b> Access on the stairs, Kit up area, wooden surfaces	Injury, cuts, bruises, broken bones, neurological damage	All users	3	3	9	Briefed to move carefully on course. Checked during routine inspection for damage. Cleaned as required. Area kept clean and free from objects such as gravel, litter or unused PPE. Area checked during routine visual inspections. Activity elements, platforms and tower can become slippery in wet weather. Additional information included in briefing as required. Assessed by supervisor on day-to-day basis and brush/sweep to resolve the issue. If unresolved, course may need to be closed.	3	1	3	Fill gaps on wood beams. Utilise wet floor signs and barriers. Anti-slip tape used on stairways and edging.	Yes
<b>Slips trips and fall:</b> Impact with activity elements and platforms	Injury, cuts, bruises, broken bones, neurological damage	All users	3	4	12	Participants agree to Height/weight parameters prior to course entry. Participants issued with a suitable length of lanyard. Participants briefed to walk across each element carefully rather than slide along the wires and only one participant to access each element at a time. Briefed not to slide or swing on lanyards. Ongoing supervision during activity by instructors.	3	2	6		No

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<b>Weather:</b> High winds	Injury, cuts, bruises, broken bones, neurological damage, death	All users	3	3	9	Max. consistent wind speed 35mph. If exceeding this limit, the course may need to be closed until wind speed reduced. Anemometer available to check wind speed. Additional inspection may be required after a period of high winds.	2	3	6		No
<b>Weather:</b> Thunder and lightning	Injury, cuts, bruises, broken bones, neurological damage, death	All users	5	3	15	In the event of forecast thunder and lightning, course should remain closed until threat has passed. In the event of sudden storm, evacuate the course as quickly and carefully as possible. Do not re-open the course until a minimum of 30 minutes has passed since last thunder strike. If suspected or potential damage to course following lightning strike, course must be inspected by competent persons prior to use.	3	3	9		No
<b>Human Error:</b> Excessive fear	Injury, cuts, bruises, broken bones, neurological damage, death	All users	3	5	15	Minimum age 6 years old. Participants briefed about challenge by choice and opportunities given to opt-out prior to course if needed. Must complete practice course prior to course entry. All participants must be offered an opportunity to complete lower level of course prior to high level. Opportunity given at end of the low level to return to the ground.	2	2	4		No

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<b>Human Error:</b> Poor behaviour and etiquette	Fall from height, resulting in injury, cuts, bruises, broken bones, neurological damage	All users	3	5	15	Refer to Mission Out terms and conditions of use, safety information and acknowledgement of risk. Instructors can refuse entry to any participant who is not following suitable behaviour guidelines. Course supervised by instructors at all times. Parent/guardian of under 18's must be present at all times during participation.	1	2	2		No
<b>Human Error:</b> Collision with another participant	Injury, cuts, bruises, broken bones, neurological damage	All users	4	3	12	Briefed that only one participant per element and per platform. Ongoing supervision throughout the activity.	1	1	1		No
<b>Human Error:</b> Object falls from height onto spectator	Injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	Spectators	3	5	15	Equipment and clothing secured/removed before course entry. Access to area underneath course restricted by roped off areas and signage. Monitored/supervised by instructors.	2	1	2		No
<b>Human Error:</b> Pre-existing medical conditions	Injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	All users	4	5	20	All participants informed of risk during park disclaimers, briefing and medical acknowledgment forms. Doctor note may be required for some pre-existing conditions. Instructors can refuse entry to participants that might cause themselves harm by accessing the course. Parents/guardians must be present during the activity briefing and for the duration of the activity.	2	1	2		No

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<b>Human Error:</b> Inability to maintain adequate course supervision at all times.	Injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	Participants and spectators	4	5	20	Instructors must be given regular breaks to ensure that they can remain alert and focused on supervising participants. All aspects of the course must be supervised by an instructor. This should include supervision from the ground, low level course and upper course level (if the supervisor deems there to be adequate supervision of participants on the upper level, this instructor can return to the ground to assist with ground supervision). If an instructor is required to perform a rescue, another instructor must take over their supervision duties.	2	1	2		No

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<b>Instructor accessing:</b> Improper use of safety system	Fall from height, resulting in injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	Staff	5	5	25	Instructor must be attached to safety system before approaching the exit of the staircase. Instructor must be stationary when by passing between safety cables. Work positioning device should be taught during use to maintain position. If detaching from the main safety cable, suitable alternative attachment points must be used. Instructor should maintain work positioning and fall arrest attachment. Fall arrest device must be used and appropriately attached to the instructors' harness. Buddy checks should be completed before accessing may be required. Function check must be completed on all safety systems before use. Shock absorbing lanyards must be used where participant lanyards would not provide suitable fall protection. All lanyards must be attached to correct harness attachment points. All karabiner attachments must be checked. All instructors trained in correct use of PPE. Appropriate harness used to access the course.	5	1	5	Regular staff competency checks completed by supervising staff.	<span style="color: red;">Yes</span>

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<b>Instructor accessing:</b> Equipment failure	Fall from height, resulting in injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	Employee	5	5	25	Ensure equipment is appropriate for the course and fit for purpose. Purchase from reputable retailers. Pre-use checks completed daily by competent instructors. Inspection regime in place; conducted by a competent, trained or experienced PPE inspector and in line with manufacturer and EN guidance. Quarantine location available for equipment deemed defective to remove from active use. All instructors trained in correct use of PPE. Annual inspection completed by Type C inspector. Buddy checks must be completed before accessing the course. Operational inspections completed in accordance with manufacturers guidance. Repairs, replacements and components that require monitoring are logged and recorded. The course may need to be closed if course components raise a cause for concern or are considered to be within the discard criteria stated by the manufacturer. Additional inspection required following major incidents or critical failures of equipment.	5	1	5		No

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<b>Instructor accessing:</b> Bypassing participants	Fall from height, resulting in injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	Employee, participant	5	3	15	Ensure adequate supervision is maintained for other participants. Ask participants that require bypassing to make their way to the nearest platform. If practical, bypassing of all participants should be carried out from a stable position on the platform. Instructors trained and assessed in safe and correct use of lanyards.	5	1	5		No
Solo access during inspection and checks.	Fall from height, resulting in injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	Staff	5	5	25	No lone working. If only one rescuer available, they must not be the person at height. Rescue equipment must be checked and ready to go before anyone enters the course. Two-way radios available in case of emergency and/or mobile phone. Working at height equipment to be used for inspections, not participant equipment. All equipment checked prior to use. PPE should conform to working at height regulation when conducting operational inspections. Any additional equipment carried for inspection purposes, should be secure so not to fall from the course. Access to the area beneath the course is restricted. Course must be closed during inspections.	5	1	5		No

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<b>Instructor competency complacency:</b> Inadequate training	Fall from height, resulting in injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	All users	5	5	25	All instructors working at height must have completed a minimum of 16 hours of training and be assessed in accordance with central operating procedures by technical advisors. Rescue training must be a minimum of 16 hours and all attending must have previously completed instructor training. Instructors operating at ground level only, must have attended appropriate training for a minimum of 6 hours. To conduct an operational inspection, inspectors must be experienced, competent and completed appropriate inspectors training. Mission Out Trainers should be experienced and deemed competent by the technical advisors to deliver training. Suitability for training should be assessed continuously throughout the course.	5	1	5		No
<b>Instructor competency complacency:</b> Out of practice	Fall from height, resulting in injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	All users	5	5	25	Instructors who have not worked on the high ropes course for over a month, must have their competency reviewed by a senior member of the team. Refresher or retraining may be required and will be observed, logged and reviewed as appropriate. Periodic refresher training will be required after an extended period of time away from high ropes instruction.	5	1	5		No

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<b>Instructor competency complacency:</b> Working outside operating procedures	Fall from height, resulting in injury, broken bones, neurological damage, life changing injuries, death	All users	5	5	25	Supervisors should shadow/observe instructors delivering high ropes activities and record findings. These should be completed regularly to ensure compliance with operating standards and as frequently as deemed necessary by senior staff.	5	1	5	Ongoing staff observations	Yes
<b>Instructor competency complacency:</b> Dehydration/Exhaustion/ Tiredness	Illness as a result of poor personal care.	All users	3	3	9	Instructors must ensure when they are working, that they are fit and able to complete their duties. Regular breaks should be taken throughout the day. Water bottles are encouraged to be carried by all instructors and stored safely in the activity tower/shed.	3	1	5		No
<b>Instructor competency complacency:</b> Influence of drugs/alcohol	Poor supervision of course and participants, potentially causing harm to the user.	All users	5	3	15	Instructors must ensure when they are working, that they are fit and able to complete their duties. Anyone under or suspected to be under the influence of drugs or alcohol will not be permitted onto the course. This includes the suspicion of alcohol/drug use from the previous day/night.	5	1	5		No

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<b>Instructor competency / complacency:</b> Ongoing medical issues	Medical episode at height, rescue / evacuation from course required.	All users	5	3	25	Instructors must ensure when they are working, that they are fit and able to complete their duties. Management/HR should be aware of any ongoing issues so that support can be offered. Ongoing or developing issues as a result of participation in training should be highlighted to the trainer and appropriate actions taken to prevent getting worse.	5	1	5	Staff can update personal health declarations at any time on Employment Hero	Yes
<b>Rescue:</b> Improper use of equipment	Fall from height resulting in injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	All users	5	5	25	Instructor must be attached to safety system before approaching the exit to the staircase. Buddy checks should be completed before accessing may be required, no lone working. Work positioning device should be taught during use to maintain position. Instructor must be stationary when attaching all rescue equipment. All karabiners should be squeeze tested to ensure functioning correctly and ensure all karabiners are loaded correctly. Function check must be completed on all safety systems before use. Regular refresher training should be completed to ensure safe working practices adhered to.	5	1	5		No

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<b>Rescue:</b> Failure of lowering line	Fall from height resulting in injury, broken bones, neurological damage, life changing injuries, death	All users	5	5	25	Regular equipment checks must be completed to ensure all equipment is fit for purpose. Function tests should be completed on all lowering equipment before use to ensure correct loading of rope. Backup system must be in place prior to weight loading to lowering line. All karabiners must be squeeze tested and loaded correctly before weight loading the lowering line.	5	1	5		No
<b>Rescue:</b> Inability to hoist due to weight difference	Stuck person at height, suspension trauma, blood flow circulation issues	All users	4	4	16	Ensure weight restrictions for facility are adhered to at all times. Participant or ground instructor may assist (if able) by pulling on the rope of the hoist. If required, a foot loop may be tied into the rope of the hoist and used to apply pressure to the hoist. Instructors trained in various methods to assist with hoisting (foot stands, foot loops, handled ascender, clipping to rescuer harness).	2	2	4		No

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<b>Rescue:</b> Entrapment/entanglement within activity elements when lowered	Injury, cuts, bruises, broken bones, disfigurement	All users	4	4	16	Prior to lowering, ensure participants are clear of activity elements. Ensure all lowering ropes run cleanly away from all activity elements. Brief participant to push away from approaching elements if they are able. Use tag line as necessary to reduce risk of collision with elements. Lower participants in a controlled manner, maintaining an appropriate speed. First aid trained staff member must be available for the high ropes facility at all times. First aid kit must be available in the high ropes facility tower at all times. Radio/telephone contact with base must be operational and available at all times.	4	1	4		No
<b>Rescue:</b> ASAP jams during a lower	Stuck person at height, suspension trauma, blood flow circulation issues	All users	3	4	12	Ascender device must be available to be used in conjunction with Jag hoist to release weight from jammed ASAP line. ASAP reset prior to continued descent of participant. Check and monitor descent speed and a clear descent path.	2	1	2		No
<b>Rescue:</b> Suspected airway issues due to suspension.	Difficulty breathing, death	Participant	5	3	15	Medical information gathered about each participant before commencing course. Ensure head is in open airway position and unrestricted by PPE. First aid trained staff member must be available for the high ropes facility at all times. Radio/telephone contact with base must be available at all times	5	1	5		No

## RISK ASSESSMENT FORM

**Hazards & People Exposed**

- |                           |              |
|---------------------------|--------------|
| 1. Employees              | 2. Visitors  |
| 3. Contractors            | 4. Customers |
| 5. Members of the public. | 6. Other     |

Company Name: <b>YGC</b>			Work Area: <b>Tingley (Mission Out)</b>			Activity/Machine: <b>Light Trail</b>			RA No:		
What are the hazards?	What are the consequence of the hazardous event?	Who Might be Harmed?	Risk			Current Controls (measures already in place)	Residual Risk			Future Controls (things to be implemented)	Transferred to Risk Reduction Plan Yes/No
			Severity	Likelihood	Total Risk		Severity	Likelihood	Total Risk		
<b>Instructor training:</b> Lack of risk awareness / lack of suitability	Injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	Staff	3	2	6	All trainees must read and acknowledge the disclaimer notice prior to accessing the course. Written and verbal explanations and instructions can be given. All hazards and risks are highlighted prior to course use. Any staff who do not sign the disclaimer will be unable to continue with training. Staff interview process highlights the nature of the activity prior to training / employment. Candidates may be assessed at 17-years-old if deemed competent during training but must be 18 years old before commencing unsupervised operational duty. Candidates under 18 years old may operate in supporting roles under supervision if trained to do so. A team leader or above must be available at the course to supervise under 18's; they must not be in an instructing role. Trainees not meeting the expected standard at any point during the training can be withdrawn and/or not presented for assessment. Additional training or support may be required for some candidates and should be arranged with trainers before assessment takes place.	3	1	3	<b>No</b>	

## RISK ASSESSMENT FORM

**Hazards & People Exposed**

- |                           |              |
|---------------------------|--------------|
| 1. Employees              | 2. Visitors  |
| 3. Contractors            | 4. Customers |
| 5. Members of the public. | 6. Other     |

Company Name: <b>YGC</b>			Work Area: <b>Tingley (Mission Out)</b>			Activity/Machine: <b>Light Trail</b>			RA No:		
What are the hazards?	What are the consequence of the hazardous event?	Who Might be Harmed?	Risk			Current Controls (measures already in place)	Residual Risk			Future Controls (things to be implemented)	Transferred to Risk Reduction Plan Yes/No
			Severity	Likelihood	Total Risk		Severity	Likelihood	Total Risk		
<b>Instructor training:</b> Lack of Supervision	Fall from height resulting in injury, cuts, bruises, broken bones, neurological damage, life changing injuries, death	Staff	5	5	25	Training should be conducted in line with manufacturers and operational guidance. The ratio of trainer to training candidate will not exceed 1:6.	5	1	5		No

Date & Time:  
16/03/2026 \_\_\_\_\_

Assessor:  
Gemma Constantine \_\_\_\_\_

Review Date:  
16/03/2026 \_\_\_\_\_

**Severity (nature of injury)**

1. Minor injury – no time off work
2. Minor injury – time off work
3. Injury resulting in over 7 days off
4. Major injury
5. Fatality

**Likelihood (*chance of injury occurring*)**

1. Unlikely
2. Possible
3. Likely
4. Highly like
5. Definite

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

Total Risk = Severity x Likelihood

**This risk assessment has been written based on the information supplied. It is not a bespoke risk assessment, the company must take onus for the assessment and carry out further assessment to ensure the risks, current and future controls are accurate**

