

RISK ASSESSMENT MANAGEMENT SYSTEM (RAMS)

This list is updated whenever a new hazard is identified and reviewed 6 monthly at a minimum. All new hazards and controls are communicated to work crews by site supervisor and during toolbox/safety meetings.

		Go Karts	S = Significant Hazard	E = Eliminated	I = Isolated	M = Minimised				
IDENTIFIED HAZARD	POTENTIAL HARM	RISK LEVEL	S	HAZARD CONTROLS			REMAINING RISK	E	I	M
Pre-existing Injury, Illness or Impairment	<ul style="list-style-type: none"> ▪ Aggravating existing injury resulting in Serious Injury – Death / Broken bones / Muscle Strains ▪ Potential to cause injury to other jumpers 	CAT 1	Y	<ul style="list-style-type: none"> ▪ People suffering from back or neck pain are advised not to participate as this may aggravate or worsen the injury. ▪ Any person who is impaired to a degree which may cause injury to themselves or others are not to participate at all in trampoline activities. ▪ Track Staff will notify the Duty Manager & any Drivers or Spectators suspected of being injured or impaired will be managed accordingly i.e. asked to leave the arena. ▪ Any Pro Karts staff suffering from injury, broken bones, recovering from surgery or illness will require a doctor's letter stating they are cleared to resume full duties & normal hours. 			CAT 2			M
Track Staff being hit by moving karts	Serious Injury <ul style="list-style-type: none"> ▪ Death / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> ▪ Track Staff must wear hi-vis vest at all times ▪ Slow down all karts to speed 3 or lower with the De-Haardt kart control system before going onto the track ▪ Track Staff must also be aware of oncoming traffic. ▪ Track Staff must always go to the far side of the kart (The safe side) and make sure they are safe before attending the crashed kart or an injured driver. ▪ If a Driver is injured our Track Staff will shut down all the karts with our De-Haardt kart control system before attending to the driver of the kart. 			CAT 2			M
People making deliberate contact or blocking other karts while racing	Serious Injury Death / Broken bones / Muscle Strains/ Head injuries.	CAT 1	Y	<ul style="list-style-type: none"> ▪ If participants are acting in an unsafe manner, they will be warned by one of our Track Staff ▪ Parents / supervisors must also monitor their children's behaviour. ▪ Track Staff will monitor this closely & will use warning signs to manage anyone who does not follow the rules ▪ All drivers will watch a comprehensive safety induction video prior to racing. ▪ Detailed rules and instructions are displayed on signs in the kiosk and driver briefing area. These are enforced by the Track Staff. 			CAT 4			M
Pit Safety <ul style="list-style-type: none"> ▪ Speed in the pits ▪ Open gates ▪ Spectators in the pit area ▪ Karts crashing into the back of other karts in the pits. 	Serious Injury Death / Broken bones / Muscle Strains/ Head injuries.	CAT 1	Y	<ul style="list-style-type: none"> ▪ If participants are acting in an unsafe manner, they will be warned by one of our Track Staff ▪ Parents / supervisors must also monitor their children's behaviour. ▪ Track Staff will make sure all gates are kept shut at all times ▪ Two cones are used in the pit entrance to close the pit area during racing. ▪ Spectators are not allowed into the pit area, Drivers and Track Staff only. ▪ When Karts are entering the pit area, they will be slow down to speed 1. 			CAT 4			M
Drivers getting out of their karts or taking their helmet off while on the track	Serious Injury Death / Broken bones / Muscle Strains/ Head injuries.	CAT 1	Y	<ul style="list-style-type: none"> ▪ Inform Drivers in the Safety Briefing/Induction video not to get out of their kart at any time unless one of our Track Staff have ask them too. ▪ Signs saying you must wear a helmet at all times. 			CAT 3			M
People driving in an unsafe manner	<ul style="list-style-type: none"> ▪ Serious Injury – Death / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> ▪ If participants are acting in an unsafe manner, they will be warned by one of our Track Staff ▪ Track Staff will monitor this closely & will use warning signs to manage anyone who does not follow the rules ▪ All drivers will watch a comprehensive safety induction video prior to racing. ▪ Detailed rules and instructions are displayed on signs in the kiosk and driver briefing area. These are enforced by the Track Staff. ▪ If a driver ignores our Track Staff's instructions, they will be removed from the track. 			CAT 3			M

Reviewed: January23

Reviewer: Pro Karts Risk Assessment Management System (RAMS)
Go Karts, Trampoline Park and Laser Tag

Injury caused by scarves or loose clothing	<ul style="list-style-type: none"> ▪ Serious Injury – Death / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> ▪ Making sure all scarves and head scarves are moved, If the person refuses to move this for religious reasons we CANNOT allow them to race. ▪ Zip/Button up or remove loose clothing. 	CAT 2		I
Damaged or faulty equipment	<ul style="list-style-type: none"> ▪ Serious Injury – Death / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> ▪ Pro Karts management is responsible for the maintenance and condition of the Karts, barriers decks walkways & all other areas of the Arena. ▪ Preventative maintenance will be scheduled within Pro Karts Action Plan & records will be kept. ▪ Damages are repaired as soon as possible, with the area closed or Kart removed from service until it has been cleared for use. 	CAT 2		I
Traffic / Pedestrians <ul style="list-style-type: none"> ▪ Speed ▪ Unsafe driving ▪ Vehicle / pedestrian interaction ▪ Potholes 	<ul style="list-style-type: none"> ▪ Vehicular / pedestrian accident; potential for serious harm or death. ▪ Potential for significant damage to vehicles / property ▪ Trips / falls 	CAT 1	Y	<ul style="list-style-type: none"> ▪ Potholes identified through regular inspections & filled ASAP. ▪ 20km speed limit sign is displayed on Back Beach Road and Hounsell Circle. ▪ Control of children exiting car / bus ▪ Supervisors of children to control movements to front door and into the arena ▪ Follow painted pedestrian walkways 	CAT 4		M
Fire / Emergency Situation	<ul style="list-style-type: none"> ▪ Risk of harm to people, property & the environment 	CAT 1		<ul style="list-style-type: none"> ▪ Emergency response procedures are in place to manage these situations. ▪ Staff are trained in emergency management & designated fire wardens are identifiable by a high viz warden vest. 	CAT 2		M
Traffic / Pedestrians <ul style="list-style-type: none"> ▪ Speed ▪ Unsafe driving ▪ Vehicle / pedestrian interaction ▪ Potholes 	<ul style="list-style-type: none"> ▪ Vehicular / pedestrian accident; potential for serious harm or death. ▪ Potential for significant damage to vehicles / property ▪ Trips / falls 	CAT 1	Y	<ul style="list-style-type: none"> ▪ Potholes identified through regular inspections & filled ASAP. ▪ 20km speed limit sign is displayed on Back Beach Road and Hounsell Circle. ▪ Control of children exiting car / bus ▪ Supervisors of children to control movements to front door and into the arena ▪ Follow painted pedestrian walkways 	CAT 4		M
Fire / Emergency Situation	<ul style="list-style-type: none"> ▪ Risk of harm to people, property & the environment 	CAT 1	Y	<ul style="list-style-type: none"> ▪ Emergency response procedures are in place to manage these situations. ▪ Staff are trained in emergency management & designated fire wardens are identifiable by a high viz warden vest. 	CAT 2		M

Trampoline Park		S = Significant Hazard	E = Eliminated	I = Isolated	M = Minimised			
IDENTIFIED HAZARD	POTENTIAL HARM	RISK LEVEL	S	HAZARD CONTROLS	REMAINING RISK	E	I	M
Pre-existing Injury, Illness or Impairment	<ul style="list-style-type: none"> Aggravating existing injury resulting in Serious Injury – Death / Broken bones / Muscle Strains Potential to cause injury to other jumpers 	CAT 1	Y	<ul style="list-style-type: none"> People suffering from back or neck pain are advised not to participate as this may aggravate or worsen the injury. Any person who is impaired to a degree which may cause injury to themselves or others are not to participate at all in trampoline activities. Flight Crew will notify the Duty Manager & any Jumpers or Spectators suspected of being injured or impaired will be managed accordingly i.e. asked to leave the arena. Any Pro Bounce staff suffering from injury, broken bones, recovering from surgery or illness will require a doctor's letter stating they are cleared to resume full duties & normal hours. 	CAT 2			M
Incorrectly setting out trampolines	Serious Injury <ul style="list-style-type: none"> Death / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> Ensure supervision is maintained throughout the event once trampolines are set up. 	CAT 2			M
People acting in an unsafe manner	<ul style="list-style-type: none"> Serious Injury – Death / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> If participants are acting in an unsafe manner they will be warned by one of our Flight Crew Parents / supervisors must also monitor their children's behaviour. Flight Crew will monitor this closely & will use a yellow card / red card penalty system to manage anyone who does not follow the rules All jumpers will complete a comprehensive safety induction prior to entering the Arena. Detailed rules and instructions are displayed in each trampoline zone. These are enforced by the Flight Crew / Pro Bounce staff. 	CAT 2			M
Observers / child supervisors distracting participants	<ul style="list-style-type: none"> Loss of concentration resulting in Serious Injury – Death / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> Under no circumstance are observers allowed to interfere with participants unless to keep them safe. If any observers are distracting participants they may be asked to leave the area. Stadium seating available for observers / child supervisors to prevent people from congesting walkways 	CAT 2			M
Damaged or faulty equipment	<ul style="list-style-type: none"> Serious Injury – Death / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> Pro Bounce Jump management is responsible for the maintenance and condition of the trampolines, end decks walkways, ball mats & all other areas of the Arena. Preventative maintenance will be scheduled within Pro Bounce's Action Plan & records will be kept. Damages are repaired as soon as possible, with the area closed until it has been cleared for use. 	CAT 2		I	
Underneath trampolines	<ul style="list-style-type: none"> Serious Injury – Death / Head injury / Broken bones / Muscle Strains 	CAT 1	Y	<ul style="list-style-type: none"> Access underneath the trampoline structure is restricted & access points are locked at all times. Only trained & authorised Pro Bounce staff, or approved contractors will be permitted to access this area. The Director of Pro Bounce is responsible for authorising anyone to access this area. Suitable PPE will be determined & used prior to entry depending on the tasks being carried out i.e. eye & head protection etc. 	CAT 2		I	
Traffic / Pedestrians	<ul style="list-style-type: none"> Vehicular / pedestrian accident; potential for serious harm or death. Potential for significant damage to vehicles / property Trips / falls 	CAT 1	Y	<ul style="list-style-type: none"> Potholes identified through regular inspections & filled ASAP. 20km speed limit sign is displayed on Back Beach Road and Hounsell Circle. Control of children exiting car / bus Supervisors of children to control movements to front door and into the arena Follow painted pedestrian walkways 	CAT 4			M
Fire / Emergency Situation	<ul style="list-style-type: none"> Risk of harm to people, property & the environment 	CAT 1	Y	<ul style="list-style-type: none"> Emergency response procedures are in place to manage these situations. Staff are trained in emergency management & designated fire wardens are identifiable by a high viz warden vest. 	CAT 2			

Ball games	<ul style="list-style-type: none"> Falling resulting in Serious Injury Broken bones / Muscle Strains 	CAT 2	Y	<ul style="list-style-type: none"> Ball games only permitted within the dodge ball & basketball zones Only approved balls are to be used within the Arena within the ball sport zones Flight Crew will monitor this closely & will use a yellow card / red card system to manage anyone who does not follow the rules 	CAT3			M
Clothing / Footwear & Jewellery / Cell phones / Food and Drink	<ul style="list-style-type: none"> Falling or snagging resulting in Serious Injury – Broken bones / Muscle Strains 	CAT 2	Y	<ul style="list-style-type: none"> Participants should wear correct attire i.e. no loose clothing, and must be barefoot. All jewellery must be removed and hair tied back securely. Cell phones are not permitted in any trampoline zones, this will be monitored by Flight Crew & any persons not complying may be asked to leave the arena. Food and drink is not permitted within any trampoline zones 	CAT 3			M
Security of Children <ul style="list-style-type: none"> Wandering child Child leaving centre through open doorways / main entrance. Unaccompanied child 	<ul style="list-style-type: none"> Child goes missing from building during time at the arena Child being hit by car in car park or adjacent roadways Child being taken by other person 	CAT 2	Y	<ul style="list-style-type: none"> Emergency Procedures for Missing or Lost Children to be implemented by Duty Manager. Staff at reception monitoring the entrance. If any additional doors are to be open i.e. in summer, risk assessment & controls must be determined prior to opening them. Security cameras operating at all times 	CAT 4			M
Jumpers with Disabilities	<ul style="list-style-type: none"> Potential risk to themselves or others 	CAT 2	Y	<ul style="list-style-type: none"> To be determined through individual risk assessments completed by the responsible person of the patron, in consultation with Operations Manager or their delegate. 	CAT 4			M
Setting up and taking down of trampolines	<ul style="list-style-type: none"> Serious Injury – Broken bones / Muscle Strains 	CAT 2	Y	<ul style="list-style-type: none"> Trampoline Setting up and take down to only be performed approved Pro Bounce staff The Arena will be supervised strictly to ensure that no patrons attempt to use equipment before it is correctly supervised. 	CAT 4			M
More than one person jumping at a time on small tramps	<ul style="list-style-type: none"> Falling or collisions resulting in Broken bones / Muscle Strains 	CAT 2	Y	<ul style="list-style-type: none"> Only one participant to be on the trampoline at any given time other than a Flight Crew or a young child's supervisor 	CAT 4			M
Patrons <ul style="list-style-type: none"> Intoxicated customers Unsatisfied / aggressive customers 	<ul style="list-style-type: none"> Undesirable behaviour i.e. vandalism, violence, verbal abuse. 	CAT 3	N	<ul style="list-style-type: none"> Keep detailed records for potential or actual issues & communicate these with authorities if necessary Maintain civil communication; do not engage with people showing signs of aggression. Discuss aggressive people & dealing with them within team safety meetings. Follow the instructions within the emergency response plan 	CAT 4			M
Restricted Spaces (Underneath Tramps) <ul style="list-style-type: none"> Framing / steel beams Areas of movement restrictions Low light & height levels 	<ul style="list-style-type: none"> Injuries to head such as concussion General Bruising 	CAT 3	N	<ul style="list-style-type: none"> Only authorising personal are permitted to enter the area & access to the area is locked at all times other than when inspections or cleaning is underway. Access to these areas are locked to prevent / control entry Strict procedures are in place which authorised personnel must be competent & follow when entering the space, i.e. correct PPE & equipment, means of communication, a watch person always in place etc. 	CAT 4		I	
Netting / Net Framing <ul style="list-style-type: none"> Falling hard against nets or net framing 	<ul style="list-style-type: none"> Injuries to head such as concussion General Bruising 	CAT 3	N	<ul style="list-style-type: none"> Framing is surrounded by foam padding Netting is securely fixed, inspected & maintained regularly. 	CAT 4		I	
Communal Areas <ul style="list-style-type: none"> Trip and fall Body collisions Fluid spills 	<ul style="list-style-type: none"> Minor injury to persons where first aid attention is required to be administered 	CAT 3	Y	<ul style="list-style-type: none"> Duty Manager & Flight Crew are to monitor and control patrons and their children's activities. All spills to be cleaned up according to the protocols for managing biological hazards. Toilet floors are moped every 30 mins to ensure that they are clean & free from excessive water 	CAT 4			M
Foam Pit Zone <ul style="list-style-type: none"> Falling while exiting Unable to exit 	<ul style="list-style-type: none"> Injuries results such as: <ul style="list-style-type: none"> Contusions Bruising Panic / Anxiety 	CAT 4	N	<ul style="list-style-type: none"> Safety Induction provided and requirement to be watched prior to entry. Safety rules listed by each activity as well as on website Flight Crew monitoring whenever this zone is in use Only one Jumper at a time on each trampoline 	CAT 4			M
Basketball Zone <ul style="list-style-type: none"> Contact with metal hoop Hit with basket ball 	<ul style="list-style-type: none"> Injuries results such as: <ul style="list-style-type: none"> Contusions Bruising 	CAT 4	N	<ul style="list-style-type: none"> Safety Induction provided and requirement to be watched prior to entry. Safety rules listed by each activity as well as on website Flight Crew monitoring whenever this zone is in use Only one Jumper at a time on each trampoline 	CAT 4			M

Entrance Steps to Arena <ul style="list-style-type: none"> ▪ Slips Trips Falls 	<ul style="list-style-type: none"> ▪ Minor injuries, cuts, grazes, bruises, pain 	CAT 4	N	<ul style="list-style-type: none"> ▪ Steps are carpeted to provide grip and also have nosings fitted, which have glows strips to illuminate them in low light. 	CAT 4			M
Cleaning Chemicals <ul style="list-style-type: none"> ▪ Skin Contact ▪ Access by unauthorised persons 	<ul style="list-style-type: none"> ▪ Dermatitis / skin conditions ▪ Poisoning 	CAT 4	N	<ul style="list-style-type: none"> ▪ Hand protection is worn when cleaning chemicals are used ▪ Bottles correctly labelled at all times ▪ All cleaning chemical concentrates stored in a restricted access area this is locked off from the public. ▪ Safety Data Sheets are available at point of use for all products 	CAT 4			M

HAZARD CONTROL PROCESS

Pro Karts and Pro Bounce employees are trained in hazard identification and control. Priority will be given to the elimination of hazards. Isolation and minimisation will only be considered if elimination is not practicable.

Step 1: Determine the most likely Consequence of the risk

Step 2: Select the phrase which best describes the Likelihood of the Consequence occurring

CONSEQUENCE	SAFETY
MINOR	Minor first aid injury
SIGNIFICANT	An injury resulting in less than 1 week to recover
SERIOUS	An injury resulting in more than 1 week to recover
Critical	Disabling Injury
DISASTEROUS	Fatality

Step 3: Line up the Consequences & the likelihood you have identified for the Risk Score

Step 4: Risk Score to determine the appropriate actions to take in addressing the Risk

		LIKELIHOOD					SIGNIFICANT RISK
		Almost certainly will occur (Could occur on a weekly basis)	Good chance it will occur (Could occur on a monthly basis)	Likely to occur (Could occur on a yearly basis)	Unlikely to Occur (Could occur every 5-10 years)	Extremely Unlikely to Occur (Could occur once in 20 years)	
MOST LIKELY CONSEQUENCE	Disastrous	CAT 1	CAT 1	CAT 1	CAT 2	CAT 2	SIGNIFICANT RISK
	Critical	CAT 1	CAT 1	CAT 2	CAT 2	CAT 2	
	Serious	CAT 1	CAT 2	CAT 3	CAT 3	CAT 4	
	Significant	CAT 2	CAT 3	CAT 3	CAT 4	CAT 4	
	Minor	CAT 3	CAT 3	CAT 4	CAT 4	CAT 4	

Step 5: Address the Risk using the [Recommended Action](#) and the appropriate control measures, using the [Hierarchy of Controls](#)

Hierarchy of Controls	Group controls	Individual controls
Eliminate	<ul style="list-style-type: none"> Design or modify machine to eliminate the hazard Eliminate by substitution Eliminate human interaction (eg. automate handling) Eliminate pinch points Increase clearances or remove forces 	
Isolate	<ul style="list-style-type: none"> Fixed guard Interlock guard Interlock distance bars Failsafe interlocking 	<ul style="list-style-type: none"> Safe by position
Minimise	<ul style="list-style-type: none"> Presence sensing devices Light curtains Computer warnings Light beacons and strobe lights Lock-out systems 	<ul style="list-style-type: none"> Two-hand controls Emergency stop
Minimise	<ul style="list-style-type: none"> Safe system of work Signage Training Supervision Safe operating procedures and instructions Administrative controls (eg safety inspections) 	<ul style="list-style-type: none"> Personal protective equipment

Table top to bottom - Desirable to less desirable

Significant Hazards Review Timetable

When significant hazards have been isolated or minimised, there is a schedule documenting the minimum review timetable to monitor the significant hazard e.g. monthly review of air quality and ventilation systems in areas exposed to diesel fumes, and annual biological monitoring. This review timetable is appropriate for the type of hazard and is signed off at the end of each period by the responsible person.

Reviewed: *January 23*

Reviewer: *Pro Karts Risk Assessment Management System (RAMS)
Go Karts, Trampoline Park and Laser Tag*