# **Amusement Games Risk Assessment**

### **GENERAL INFORMATION:**

Company / organisation:	(Insert company name).	ABN:	(Insert)
Address:	(Insert)	State:	(Insert)
Activity:	Amusement games installation and operation for catch a due	ck, bucket game, bust a balloon and	laughing clowns.
Date developed:	(Insert)	Developed by:	(Insert)
RA approved by:	(Insert)	Date of next review:	(Insert)

## **REQUIREMENTS:**

Person(s) responsible for implementing and monitoring the risk assessment:	(Insert)
Applicable legislation and compliance references:	Work Health and Safety Act 2011 (ACT, NSW, QLD) 2012 (SA, TAS), 2020 (WA) Occupational Health and Safety Act 2004 (VIC) Work Health and Safety (National Uniform Legislation) Act 2011 (NT) Work Health and Safety Regulations 2011 (ACT, QLD), 2012 (SA, TAS), 2017 (NSW), 2022 (WA) Occupational Health and Safety Regulations 2017 (VIC) Work Health and Safety (National Uniform Legislation) Regulations 2011 (NT) Code of Practice – How to manage work health and safety risks Code of Practice – Work health and safety consultation, cooperation and coordination Code of Practice – Managing the risks of plant in the workplace Code oSAMPLE -INTENTIONALLY FADED Australian Standard 3533 (series) – Amusement rides and devices
Training and inductio \ requirements:	
Plant and equipment requirements:	Plant and equipment fit for purpose, compliant with Australian Standards and compliance certified by an <b>engineer. Transport</b> vehicle, electrical leads and trailers maintained and fit for purpose.
Personal protective e quipment requirements:	Personnel involved in the setup and dismantle are required to wear enclosed footwear and gloves as required.
Inspection requirements:	Staff or nominated personnel to inspect general areas and devices to address safety hazards and maintain housekeeping.
Chemicals and safety data sheets:	Oils and lubricants / maintenance consumables.

### **RISK ASSESSMENT MATRIX:**

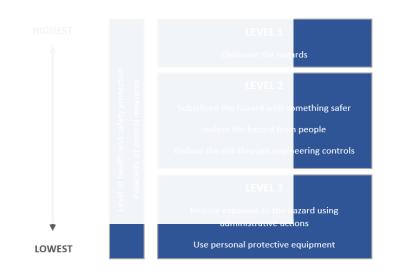
The risk assessment matrix is used to assess the inherent and residual risk score using the likelihood and consequence risk criteria.

				Consequence		
		1	2	3	4	5
Likelil	nood	Insignificant  No injuries, no environment impact, no reputational impact, negligible financial loss.	Minor First aid treatment, short-term environment impact, minimal reputational impact, minor financial loss.	Moderate  Medical treatment or hospitalisation, medium term environment impact, localised reputational impact, moderate	Major  Permanent injury, long-term environment impact, loss of operational capability adverse reputational impact, major	Catastrophic  Death or irreversible environment effect, national reputation damage, catastrophic
5	Almost certain The event is expected to occur ir most circumstances					Extreme
4	Likely The event will probably occur in most circumstances					Extreme
3	Possible The event should occur at some					Extreme
2	Unlikely The event could occur sometime					High
1	Rare The event may occur only in exc ptional circumstances					1oderate

### SAMPLE - INTENTIONALLY FADED

Risk actions including escalation, management and monitoring will be determined by the risk assessment.

Risk Actions	
Risk	Actions
Extreme risk	
High risk	Management attention, rigorous controls and close monitoring required.
Moderate risk	Management monitoring and controls required.
Low risk	Acceptable with routine procedures and periodic review.



HIERARCHY OF CONTROL

### **RISK ASSESSMENT:**

Assess the likelihood (L) and consequence (C) of the inherent risk score (before treatment) and residual risk score (after treatments) using the risk assessment matrix.

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)	(wha	erent R at is the trols)	isk: e risk before	Risk Treatments and Controls: (how are the risks managed)	(wh	idual R at is the trols)	i <b>sk:</b> e risk after	Responsibility: (who is responsible)
		L	С	Risk		L	С	Risk	
Insurances	Insurances not in place exposing the company to potential or actual direct financial and legal liability for harm or property damage.	L3	C4	High	Public liability incurance placed     Workers' compensation insurance placed.     Asset / property insurance placed.     Other insurances placed as required.	L1	C4	Moderate	Management
Indemnity									Management
Working with children									Management
Staff / operator training and competency			MPLI G4	E - INTEN	IONALLY FADED dures including safety, compliance, emergency and customers / patron safety.  All staff / operators trained on correct / safe operation of amusement devices and emergency procedures.  Annual refresher training is conducted.				Management
First aid and emergency management	Emergency management plan and provisions not established or maintained inhibiting / delaying a response to an emergency situation.	L3	C5	Extreme	Amusement game operators trained in first aid (at least one person onsite). First aid kit and injury register available / in close proximity to amusement game. Fire extinguisher with current maintenance tag in close proximity to amusement game. Emergency management and evacuation procedures in place for amusement games. Staff trained on enacting / implementing emergency and evacuation procedures. Emergency procedures communicated with customers / patrons prior to use of amusement game where required.  Staff / operators informed of emergency evacuation point.	L1	C5	Moderate	Management

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)		erent F at is the trols)	lisk: e risk before	Risk Treatments and Controls: (how are the risks managed)		(wh	<b>idual R</b> at is the trols)	<b>isk:</b> e risk after	Responsibility: (who is responsible)
	Contractor and third-party compliance requirements	L	C C3	Risk	•	Engagement or reputable providers	L		Risk	
Contractors and third par les	not established or effectively implemented resulting in contractors operating without the required safe systems or works, qualifications or insurance coverage.	L3		Moderate	•	Risk assessments / documentation are collected and reviewed (for high-risk activities)	L1	C3	Low	Manage nent
Aggressive behaviour or violence										Manage nent Operators Authorities / police
Manual handling				Moderate	on.	Correct training in manual handling Delivery of equipment as close as possible to set up areas (if safe and approved) Operators understand and follow manual handling guidelines. Warm/up stretches and rotation of manual tasks between operators Using mechanical aids when available. ALLY FADED in staff to reduce repetitive movements.				Manage nent Operators
Cleaning and hygiene										Managernent Staff
Personal protective equipment	Staff / operators not wearing correct PPE during set up / dismantle or operation of amusement games trailer resulting in injury.  Staff / operators exposed to sun / heat and not wearing sun smart PPE resulting in sunburn and or dehydration.	L3	C3	Moderate	•	Management to advice staff / operators of correct / mandatory PPE when inducted. Staff / Operators to wear appropriate PPE at all times including set up / dismantle and amusement games.  Sun smart PPE implemented by management including sunscreen, hats and regular hydration.	L2	C3	Moderate	Management Operators

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)	(wha	erent R at is the crols)	<b>isk:</b> e risk before	Risk Treatments and Controls: (how are the risks managed)	(1	<b>esidu</b> vhat i ontro	is the	<b>isk:</b> : risk after	Responsibility: (who is responsible)
		L	С	Risk				С	Risk	
Amusement games compliance	Amusement games non-compliance with Australian Standards resulting in asset defect or failure, customer / patron injury / death and or voidance of insurance.	L3	C4	High	Manufacturing and testing in accord     Australian Standard 3533 (series) –     Amusement rides and devices     Certificates of conformity obtained is manufacturer.     Annual registration with Regulator a engineering inspection / conformany verification certificate.	rom l	1	C4	Moderate	Management
	SA	MPL	E - IN	ITENTION	Daily inspections completed by staf operators prior to customer / patron     Post-setup inspection and safety ch to allowing use (following the game inspection checklist / MFG instructi     Regular inspection, lubrication and maintenance of moving parts and IALLY FADEDs.					
Maintenance	Amusement games not adequately inspected or maintained resulting in critical failure and serious injury to patron and or property damage.	L3	C4		competent person.  Major inspections completed in acc with manufacturer and Australian St requirements.  Routine maintenance in accordance manufacturers manual and mainten schedule.  Routine and corrective maintenance issues, damage and defects are idea Prevention of any unsafe or damage amusement game from being used.  Regular completion of logbook and maintenance records in accordance maintenance schedule / MFG manuellectrical inspection / test and tag of electrical equipment and KCD for manuellectrical equipment and K		1		Moderate	Man agement

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)			l <b>isk:</b> e risk before	Risk Treatments and Controls:  how are the risks managed)  Residual Risk: (what is the risk after controls)  Responsibility: (who is responsible)	e)
Transporting amuse nent games	Motor vehicle accident, amusement game not secured correctly or signed if parts hanging off trailer resulting in serious road incident, property damage and or fines.	L	<b>C</b>	<b>Risk</b> High	Operator has a current and appropriate drivers licence and is confident travelling with a trailer / towing. Transport vehicle and trailer is registered and regularly maintained / road worthy. All amusement equipment is securely fixed to the vehicle and or trailer. Appropriate signage is on the vehicle or trailer (if oversize / overhang). Inspect location conditions prior to driving to the set up areas to avoid incorrect setup of	
Site arrival / departu	Vehicles / trucks / trailers operating at site when pedestrian traffic is high resulting in collision with operators and or public.  Vehicles / trucks / trailers entering site at high speed, no		: <b>- IN</b>		vehicle / trailer becoming bogged or contacting structures and fixed assets.  Driver completed operational / visual checks on car / trailer prior to travelling.  LY FADED, ping / resting at adequate intervals.  Installation location confirmed with client and inspected for safety hazards.  Set trailer delivery and departure times are arranged by client to ensure pedestrian activity is minimal.  Site roads inspected to ensure no hazards / obstacles on road / site location.  Staff to monitor pedestrian movement while trucks are moving and guide pedestrians	
	hazard lights on or unsure where to drive / park resulting in pedestrian injury and or property damage.				trucks are moving and guide pedestrians away from trucks path.  Driver to maintain a very low speed.  Hazard lights / safety lights and or reversing beepers operating when vehicle in site area.  Spotters used when reversing or when the or sight is compromised.	

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)			<b>Risk:</b> e risk befo	ore	Risk Treatments and Controls: (how are the risks managed)	(wh	idual R at is the trols)	l <b>isk:</b> e risk after	Responsibility: (who is responsible)
Set up of amusement games	Amusement games not installed or secured correctly resulting in a serious injury to a customer / patron and or property damage.  Contact with or damage to underground or overhead services / hazards when positioning trailer resulting in serious injury or property damage.  Operators fall from heights when setting up amusement game resulting in serious injury.	L3	C4	Risk High		Staff trained and competent to install amusement games safely.  Installation location confirmed with client and inspected for safety hazards.  Underground services / locations identified with customer or dial before your dig.  Fixed asset, overhead hazards and terrain hazards identified, installation location must be away from asset / overhead hazards and on a flat and stable surface / ground.  Fit for purpose working at heights equipment used including fall restraint / arrest harness and ladders and staff trained to use.  Anchorage / stabilising / outrigger systems installed in accordance with MFG manual and Australian Standards ensuring the game is properly secured / stable and levels checked.  Access equipment, guarding and rails installed to provide safe access to the game WALLY FADED access to moving parts.  Staff to check all parts are in good working condition.  Generators set up /inspected / maintained as per manufactures guidelines.  Clear / restricted zones established for staff when setting up amusement.	L		Moderate	Management Operator
Access and restricted ι se	Access control provisions not installed resulting in unauthorised access to the amusement games or back of house areas such as controls and electrical equipment resulting in injury.  Rules for game is not established or communicated resulting in misuse of game equipment, patron / bystander injury and or property damage.  Customer / patron restrictions including age, height, weight and medical not established or communicated resulting injury / death or medical event.	L3		High		Installation of perimeter fencing / containment to back of house area to ensure no unauthorised access.  Installation and communication of terms, conditions, customer / patron restrictions and safety rules / signage including height, age and or medical restrictions.  Installation and communication or warnings and information on the possible effects the use of the amusement game may have on customers / patrons.	L1	C4	Moderate	Mana jement Operator

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)	(wha	erent R at is the trols)	isk: e risk before	Risk Treatments and Controls: (how are the risks managed)	(wh	idual R at is the trols)	<b>isk:</b> e risk after	Responsibility: (who is responsible)
		L	С	Risk		L	С	Risk	
	Amusement games and components not secured correctly, or safe installation / setup confirmed resulting in a serious				Post setup inspection checklist completed by				
Pre-use / post setup inspection									Management Operator
		CVV	ADI E	INITENITI	IONALLY FADED				
Operational controls and € xclusion zones / areas				- IIV I EIV I I	Area and or back of house area secured with fencing / barriers and staff.     Operators to ensure spectators are away from participants when game in operation.     Staff / operators to monitor / maintain full view of all areas and prevent access to exclusion zones / areas.     Controls are locked and or trailer pulled down / secured whilst the game is not in operation to prevent unauthorized operation.				Management Operator
Emergency stop button	Emergency stop button not labelled, not in an accessible location resulting in a delayed amusement game cessation in the event of an emergency or issue.	L3	C4		Emergency stop buttons are installed on all amusement game devices and or generators.     Emergency stop buttons are labelled, clearly is visible and tested on a daily basis as a part of the pre-operation inspection process.     Staff / operators are trained on the use of emergency stop buttons and maintain clear access at all times.     Staff / operators to remain at the control console and emergency stop button at all times during device operations.	L1	C4	Moderate	Management Operator

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)	(wha	erent R at is the trols)	Risk: e risk before	Risk Treatments and Controls: (how are the risks managed)	(wh	idual R at is the trols)	i <b>sk:</b> e risk after	Responsibility: (who is responsible)
		L	С	Risk		L	С	Risk	
Fire extinguisher	Fire extinguisher not instatted, operator does not know how to operate a fire extinguisher, fire extinguisher is not compatible with emergency resulting in serious injury and or property damage.	L3	C3	Moderate	Fire extinguishers are installed next to the ride / easy to access area.  Operators are trained and confident in operating a fire extinguisher.  The appropriate fire extinguisher is on site class ABE (fire extinguisher red with white band) are designed for most fires except oils.  All systems and surfaces to be maintained / kept clean to avoid sources of ignition.	L1	C3	Low	Manageme <b>nt</b> Operator
Electrical equipment and power									Managem <b>ent</b> Operator
		SAI	MPLE	- INTENT	ONALLY FADED sure operators /				
Operator / attendants of amusement games									Management Operator
Flammable liquids	Flammable liquids not stored correctly resulting in fire , explosion, operator / bystander injury and or death.	L3	C4	High	Fuel is stored in appropriate container and correctly labelled.  Fuel is stored in a cool, safe, and secured area away from ignition sources and public.  Appropriate minimum amount of fuel stored onsite for day use and additional fuel quantities stored off site.  All fuel / liquids are stored in bunding.  Spill kit near onsite and off-site locations.  Only trained staff to re-fuel.  Substance release pathways identified and protected including ground, drains, slopes.  Generator to be turned off for a minimum of 10 minutes prior to refuelling.  Minimum two trained staff when refuelling.	L1	C4	Moderate	Manageme <b>nt</b> Operator

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)	(wh	erent R at is the trols)	isk: e risk before	Risk Treatments and Controls: (how are the risks managed)	(wh	idual Ri at is the trols)	i <b>sk:</b> risk after	Responsibility: (who is responsible)
		L	С	Risk		L	С	Risk	
Crowd Control / Security	Maximum number of customers / patrons participating in game exceed resulting in over crowing.  Patrons intoxicated or misbehaving.  Game components and or prizes tampered with / stolen when left unattended / carnival closed.	L3	C3	Moderate	Ensuring maximum numbers on game not exceeded and bystanders are away from throw / strike zone of game.     Where possible installation of CCTV cameras covering ticketing box / line up and game.     Patrons' mis behaving / intoxicated will not be able to participant in the ride and ask to leave the ride area. Staff instructed to call security if required.	L1	C3	Low	Management Staff / operator
Amusement prizes									Management Operator
Laughing clowns' ( ame	SAM  Participants throwing or tampering with clown balls or trailer resulting in injury and or property damage.		- INTI		Operator to supervise patrons to ensure patrons are following operating instructions.  LLY FADED's to check patrons are not standing operating instructions.  Operator to ensure clown balls are only placed into clown and not thrown / crushed.  Damaged clown balls are removed from service and replaced.  Regular cleaning of clown balls as per maintenance schedule.  Spectators are behind participant and behind the safety line when participant is playing.				perator
Bust a Balloon / dɛ 🏗	Participants not following instructions and throw darts at bystanders resulting in serious injury and or property damage.  Participants standing too close to balloons and being hit by darts reflecting off board resulting in injury.  Ballons are not biodegradable and or not appropriately discarded.	L2	C3	Low	Staff / operators to provide clear handling instructions of darts to participants.     One participant at a time.     All participants stand behind throwing line.     Trailer / stand erected as per manufacture requirements.     Daily checks on stability / structure of trailer.     Staff / operators to stand to side on game when in operation.     Regular cleaning of common touch areas / bench / table and darts.     Faulty / damaged darts removed from service and replaced.     Regular maintenance of trailer / game as per manufactures manual.     Ballons are biodegradable and disposed of as per products recommendations.	L1	C3	Low	perator

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)	(What is the risk hetore			Risk Treatments and Controls: (how are the risks managed)  Residual Risk: (what is the risk after controls)  Responsibility: (who is responsible)
Catch a Duck Game	Participants not correctly using hooks resulting in injury and or property damage.  Algae and or unhygienic water used / displayed in waterbed resulting in participant illness and or property damage.	L2	c cs		Rarhlaes howe used      Staff / operators to provide clear handling instructions of hooks / lines to participants      Water changed daily and emptied when game is not in use and or at end of day.      Mains water used as directed by onsite manager or purchased through local water company.      Operators to ensure no patrons or spectators touch / splash the water.      Operators to ensure spectators are positioned back from the patrons.      Maximum number of participants in place.      Operators to ensure participants are not leaning over water.      Trailer / stand erected as per manufacture requirements.      Daily checks on stability / structure of trailer.      Faulty / damaged darts removed from service and replaced.      Descriptional internace of trailer / game as per  ONALLY FADED manual.      Regular cleaning of common touch areas / bench / table and darts.
Bucket Game	Participants not following instructions and throw balls at bystanders resulting in serious injury and or property damage.  Trailer stand not correctly installed resulting in property damage and or spectator injury.  Participants leaning over trailer stand resulting in falling over or being hit by balls hitting the back / side of bucket.		C3	Low	<ul> <li>Staff / operators to provide clear handling instructions of balls to participants.</li> <li>Operator to ensure bucket balls are an underhand throw only and no rough play.</li> <li>Maximum number of participants in place.</li> <li>Trailer / stand erected as per manufacture requirements.</li> <li>Daily checks on stability / structure of trailer.</li> <li>Spectators are behind participant and behind the safety line when participant is playing.</li> <li>Staff / operators to stand to side on game when in operation.</li> <li>Faulty / damaged balls removed from service and replaced.</li> <li>Regular maintenance of trailer / game as per manufactures manual.</li> <li>Regular cleaning of common touch areas / bench / table and balls.</li> </ul>

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)	(what is the risk before			Risk Treatments and Controls: (how are the risks managed)	Residual Risk: (what is the risk after controls)			Responsibility: (who is responsible)
Customer / participant / user safety	Customers / patrons not clear on or fails to adhere to terms, conditions and requirements resulting in injury to a customer / patron and or property damage.  User safety requirements not adequately managed by operator resulting in injury to a customer / patron and or property damage.		C3	Risk Moderate	Staff / operators trained and competent in operating the amusement games. Operator to supervise patrons to ensure patrons are following instructions. Spectators are behind participant and behind the safety line when participant is playing. Terms, conditions, safety rules, capacity and customer / patron restrictions implemented. Staff / operators to monitor customers / patrons and do not go around / behind amusement game. Adequate lighting installed to ensure staff / operator and customer / patron safety Behaviours is monitored and managed to ensure no unsafe acts or dangerous behaviours occur patron removed. Staff / operator to supervise amusement NALLY FADED les. Staff / operator to ensure music levels remain at a level where they can hear / detect an emergency or call for assistance. Enact emergency or evacuation procedures in the event of an emergency or inclement weather.	L		Low	Management Operator
Emergency	Emergency management provisions not enacted delaying a response to an emergency situation.  Venue emergency situation (fire, threat, essential services disruption).	L3	C4	High	Staff to enact emergency procedures. Render / assist if it is safe to do so in the event of an emergency. Call 000 in the event of a medical emergency, contact the venue / client and escalate with management. For venue related emergencies, follow emergency protocols under the direction of venue operations / nominated emergency wardens and remain calm.	L2	C4	Moderate	Management

Activity / Focus Areas: (break down the activities)	Risks: (what could happen or go wrong)	Inherent Risk: (what is the risk before controls)			Risk Treatments and Controls: (how are the risks managed)		idual R at is the trols)	i <b>sk:</b> e risk after	Responsibility: (who is responsible)
		L	С	Risk		L	С	Risk	
Inclement Weather	Inclement weather such as windy conditions, rain, storm or electrical storm event compromises the integrity of the mechanical amusement game and creates unsafe conditions resulting in a serious injury / death to a customer / patron and or property damage.	SAMF	PLE	- INTENTI	<ul> <li>Daily weather information monitored on BOM and WillyWeather app.</li> <li>Wind regularly monitored using a portable anemometer.</li> <li>Amusement game cessation if inclement weather / conditions are identified that will compromise safety or the amusement game is forecasted.</li> <li>Daily weather information provided to staff and customers / patrons instructed on emergency / cessation procedures.</li> <li>Staff and customers / patrons instructed on emergency / cessation procedures.</li> <li>ONALLY FADED cessation requirements in when wind gusts reach thresholds identified in manufacturers manual and weather and wind management plan.</li> <li>Amusement game to cease if wind speeds / gusts reach wind thresholds / tolerances.</li> <li>Safety checks including game integrity and slippery surfaces to be conducted and addressed prior to recommencement after inclement weather / event.</li> <li>Secure and reinforce / strap game and loose items if windy conditions are expected or identified / detected.</li> </ul>	L1	C4	Moderate	Managem ant Operator
Other:					•				
Other:					•				

### **CONSULTATION AND REVIEW:**

All workers involved in the activity must confirm that consultation and review of this risk assessment has occurred.

First Name:	Last Name:	Employer:	Date:	Signature: