Template only MUST modify to site conditions

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| Site / Area: |       | Date of Assessment |       | Risk Assessment # | **034RA** |
| Completed by (name) |       | Signature |       |
| In Consultation with: |       | Signature |       |
| Identify / describe activity, equipment, area or event you are assessing: | **AMUSEMENT STRUCTURES (Including inflatables over three (3) metres)** |
| Authorised by: |       | Signature: |       | Date: |       |
| **In conjunction with this risk assessment, training / education and development of a relevant SOP may be required.** |
| **Step 1:** **Identify the hazard/s / Impact:**What do you believe are the hazards?What could happen? | **Step 2: Assess the potential risks:**What do you believe are the risks?How could this happen? | **Step 3: Reducing the risk:**What do you believe can be done to reduce the risk?Controls |
| **Machinery & Equipment*** Parts being ejected
* Parts disintegrating
* Rotating shafts, pullies, chains, sprockets and gears of machine
* Lack of maintenance
* Caught in moving part
* Sharp edges
* Noisy equipment
* Failure to select plant that is suitable for the intended use
* Fire
 | * Hit by moving parts
* Plant collapsing
* Contact with hot / cold parts
* Crushing, pinching, trapping, entanglement
* Slip, trip, fall
* Dislocations
* Burns
 | * Obtain copy of SafeWork SA registration certificate; This is NOT required for inflatable amusement devices with a platform below three (3) metres.
* Current certificate of inspection issued by a professional engineer and qualified electrician; and certificate of currency for insurances from contractor. Interstate registrations are to be checked with SafeWork SA prior to use.

ON DAY OF EVENT, CHECK FOLLOWING:* Visual inspection of amusement structure to ensure Registration number is displayed
* Sight daily inspection document before ride commences
* Check location of amusement structure to ensure no overhanging branches, no overhead power-lines and adequate clearance from other rides
* Not set up on sloping grounds
* Check for appropriate drown control e.g. fencing and adequate space surrounding the ride and signage for parents information
* Contractor has trained personnel operating and supervising the ride at all times (must be over 18 years of age)
* Emergency plan has been established and communicated to all parties
* Check at the end of this risk assessment for further information on types of amusement devices that need to be registered
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| **Machinery & Equipment - Inflatable devices*** Uncontrolled or release of compressed air
* Caught in moving part
* Electricity
* Noisy equipment
* fire
 | * Hit by moving parts
* Plant collapsing
* Crushing, entanglement, pinching, trapping
* Lacerations
* Slip, trip, fall
* Burns
 | ON DAY OF EVENT, CHECK FOLLOWING:* Check the inflatable structure and accessories to ensure all anchor points, ropes and stakes or ballast are undamaged and fit for continual use (do in consultation with ride operator)
* Check all tie down ropes attached to the device are fastened to adequate anchorages and there is adequate soft-fall area
* Sight daily inspection document before ride commences
* Check location of amusement structure to ensure no overhanging branches and adequate clearance from other rides
* Check appropriate crowd control i.e. fencing and adequate space surrounding ride and signage for parents information
* Contractor has trained personnel operating and supervising the ride at all times (must be over 18 years of age)
* Refer to WHS Regulatory Requirements below
* Fire extinguisher is available on the amusement structure
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| **Electricity*** Damaged cords
* Frayed cords
* Faulty appliances
* Overheating of equipment
* Damaged powerboards
* Cutting cords
* Overloading power sockets
 | * Burns
* Fire
* Explosion
* Contact with exposed wires
* Electrocution
* Electric shock
 | * Portable RCD’s are used where required
* Adequate protection of the public from electric shock and any trip hazards from cords are minimised
* All leads, plugs etc. are protected from weather and other environmental conditions
* Plant is tested & tagged
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| **Extreme Temperatures*** Extreme heat / cold
* Severe storms – lightening, thunder, rain, floods
 | * Inflatable could be lifted up throwing children off
* Injury if amusement device cannot operate correctly in windy conditions
* Fires
* Struck by lightening
 | * Operator monitors prevailing wind conditions
* Event organisers have inclement weather policy implemented for operation of rides during wet / windy weather
 |
| **Manual Tasks*** High or sudden force
* Pushing
* Pulling
* Repetitive movement
 | * Strains, sprains
* Dislocation
* Incorrect lifting
* Equipment not maintained
 | * Mechanical equipment available – trolley’s / sack truck
* Team lifting
* Manual handling training for all workers
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| **Other*** Supervision
 | * Incorrect use of ride.
* Underage/undersized children.
 | * Amusement operators must display appropriate signage and enforce requirements
* Amusement operators must supervise and cannot delegate responsibility
 |
| **Other*** Access / Egress – easily accessible in the event of an emergency
 | * People could panic and become distressed
 | * Entry and exit routes / areas are clearly well defined and marked
 |
| **Other** | *
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| **Review hazard / risk assessment if task or circumstances change & at intervals appropriate to the level of risk (minimum 5 years)** |
| **Step 4: Monitor & Review:** |
| Were the controls effective? | Were there any unforeseen hazards / incidents? | New controls |
| Yes | [ ]  | No | [ ]  | Yes | [ ]  | No | [ ]  |
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