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 | |
| **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 | |
| **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 | |
| **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 | |
| **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** | | | |  | | | |  | |
| **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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