



JOB SAFETY ANALYSIS

Inflatable Cinema Screen Setup and Operation



FULLY INSURED. FULLY MANAGED. ZERO STRESS.

Twenty years of industry experience behind every setup.

DOCUMENT	Job Safety Analysis (JSA)
ACTIVITY	Inflatable cinema screen setup and operation
OPERATOR	Perth Pop-Up Movies, Parmelia WA 6167
CONTACT	0433 951 928 · Admin@PerthPopUpMovies.com.au
ISSUED	May 2026 · Version 2
NEXT REVIEW	May 2027 (or after any incident or equipment change)

01 Scope

This Job Safety Analysis (JSA) covers the setup, operation and packdown of inflatable and framed outdoor cinema screens by Perth Pop-Up Movies. It is reviewed before each event in conjunction with a site-specific dynamic risk assessment (Take 5).

Equipment covered by this JSA:

- 3m inflatable cinema screen
- 3m framed cinema screen
- 5m community screen
- 8m community screen
- Projectors, sound systems, lighting, smoke and bubble machines
- Petrol generators and silent battery inverters
- Bean bag seating and party pack equipment

02 Personnel and Crew

- **Owner-operator.** Twenty plus years of industry experience. Holds current public liability insurance. Trained in first aid.
- **3m screens.** Minimum one trained operator on site for setup, operation and packdown.
- **5m screens.** Minimum one trained operator on site for setup, operation and packdown.
- **8m screens.** Minimum two trained personnel for setup and packdown due to size and rise height.
- **Briefing.** All personnel are briefed on this JSA and the site Take 5 before any work begins.

03 Personal Protective Equipment

- Enclosed, slip-resistant footwear at all times on site.
- High-visibility vest when working near vehicles, traffic, or in low light.
- Gloves for handling pegs, ballast bags and cables.
- Safety glasses when using any powered tool or working overhead.
- Head torch or worksite lighting after dark.

04 Pre-Start Site Assessment (Take 5)

Before any setup begins, the operator completes a verbal Take 5 assessment of the site:

1. Stop and walk the site.
2. Identify hazards: overhead lines, slopes, soft ground, irrigation, traffic, public access, weather.
3. Assess the risk of each hazard against the matrix in Section 5.
4. Control or eliminate each hazard before starting work.
5. Proceed safely, or stop work and notify the host.

05 Risk Matrix

All hazards in Section 6 are rated using the matrix below. Risk = Likelihood x Consequence.

LIKELIHOOD ↓ / CONSEQUENCE →	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	M	H	H	E	E
Likely	M	M	H	H	E
Possible	L	M	M	H	E
Unlikely	L	L	M	M	H
Rare	L	L	L	M	H

- **LOW.** Acceptable. Routine controls apply.
- **MEDIUM.** Monitor. Specific controls required and recorded.
- **HIGH.** Active control required. Operator review before proceeding.
- **EXTREME.** Do not proceed. Eliminate the hazard or relocate the activity.

06 Hazards and Controls

Each hazard below is rated before controls (Initial) and after controls are applied (Residual).

HAZARD	INITIAL	CONTROLS	RESIDUAL
SITE AND ENVIRONMENT			
Uneven or unstable ground Trip hazards, screen instability, ballast slipping.	HIGH	<ul style="list-style-type: none"> Pre-start site walk to identify hazards. Setup only on level, firm ground. Test peg purchase before raising screen. Mark known trip hazards with cones or hazard tape. 	LOW
Overhead obstructions Power lines, branches or wires within the screen rise zone (8m screen reaches over 9m).	HIGH	<ul style="list-style-type: none"> Visual inspection of airspace before site selection. Maintain a minimum 3 m clearance from any overhead line. Relocate setup if clearance cannot be achieved. 	LOW
Underground services Striking irrigation lines, cabling, or tree roots when pegging.	MED	<ul style="list-style-type: none"> Use ballast anchoring instead of pegs where service location is uncertain. Visual check for sprinkler heads and service markers. Confirm pegging is permitted with venue host before driving any peg in council or school grounds. 	LOW
WEATHER			
High winds Screen failure, structural collapse, projectile risk to audience.	HIGH	<ul style="list-style-type: none"> Check Bureau of Meteorology forecast on the morning of every event. Operating limit: 35 km/h sustained wind. Pre-event peg or ballast check on all anchor points. Deflate immediately if limit reached. 	MED
Rain and lightning Electric shock from water on equipment; lightning strike risk.	HIGH	<ul style="list-style-type: none"> Cease operation and isolate power at first sign of rain reaching equipment. Cover electricals with waterproof covers carried in vehicle. On lightning sighted within 10 km: cease operation, advise audience to shelter in vehicles or indoors. 	LOW
ELECTRICAL AND POWER			
Mains and cabling Electric shock, fire from damaged cables or RCD failure.	HIGH	<ul style="list-style-type: none"> All electrical equipment test and tagged in line with AS/NZS 3760. Portable RCD on every supply. Visual cable inspection before connection. Cables routed away from foot traffic, with cable covers in any pedestrian area. Equipment kept clear of standing water. 	LOW

HAZARD	INITIAL	CONTROLS	RESIDUAL
<p>Petrol generator Fuel spill, fire, burns from hot exhaust, carbon monoxide.</p>	HIGH	<ul style="list-style-type: none"> Generator located minimum 3 m from audience and any structure. Refuel only when shut off and cool. Spill kit carried on board. Dry powder fire extinguisher within 5 m of the generator. Never operated in an enclosed space. 	MED
<p>Lithium battery inverter Thermal runaway or fire from damaged cells.</p>	MED	<ul style="list-style-type: none"> Visual inspection of housing before each use. Cease use if any swelling, heat, or unusual smell is detected. Dry powder extinguisher on hand. Never use water on a lithium battery fire. 	LOW
MECHANICAL AND MANUAL HANDLING			
<p>Inflation and deflation Pinch points, entanglement, blower fan injury.</p>	MED	<ul style="list-style-type: none"> Audience and bystanders kept clear of the screen during inflation and deflation. Loose clothing and long hair kept clear of fan inlet. Two-person handling for 8 m screens. 	LOW
<p>Manual handling Back injury and strain from lifting screens, equipment cases, and bean bags.</p>	MED	<ul style="list-style-type: none"> Two-person lift for any item over 20 kg. Mechanical aid (trolley or sack truck) used for ballast and other heavy loads. Stretching before heavy lifting; regular breaks. 	LOW
<p>Working at height (8 m screen) Falls from height during rigging or projector positioning.</p>	HIGH	<ul style="list-style-type: none"> All work conducted from ground level wherever possible. Ladder use only on stable, level ground. Three-point contact maintained on any ladder. Second person to foot the ladder for any work above 1.8 m. 	MED
PEOPLE AND PUBLIC			
<p>Audience interaction Audience or children making contact with cables, screen, or generator.</p>	MED	<ul style="list-style-type: none"> Cordoned exclusion zones around screen anchors, generator, and cabling. Event host briefed on no-go zones before audience arrival. Operator monitors site throughout the event. Cable covers in any walkway. 	LOW
<p>Sole operator (small events) No backup if the operator is injured during a 3 m setup.</p>	MED	<ul style="list-style-type: none"> Mobile phone carried on person at all times. Event host briefed on operator emergency contact. Check-in call to a nominated contact at end of event. 	LOW
OPERATIONS			

HAZARD	INITIAL	CONTROLS	RESIDUAL
<p>Night-time packdown Fatigue, low visibility, slips and trips during late packdown.</p>	<p>MED</p>	<ul style="list-style-type: none"> ▪ Worksite lighting set up before darkness. ▪ High-vis vest worn during pack down. ▪ Operator hydrated and rested; no alcohol before or during work. ▪ Pack down sequence rehearsed and consistent. 	<p>LOW</p>
<p>Vehicle and transport Loading injury, road incident, equipment shifting in transit.</p>	<p>MED</p>	<ul style="list-style-type: none"> ▪ All equipment secured with rated ratchet straps. ▪ Heavier items loaded low and against the bulkhead. ▪ Vehicle loaded within rated GVM. ▪ No driving after a continuous 12-hour working day. 	<p>LOW</p>
<p>Smoke and bubble machines Slip from bubble fluid; respiratory irritation from smoke.</p>	<p>LOW</p>	<ul style="list-style-type: none"> ▪ Bubble machine positioned away from walkways. ▪ Smoke machine output directed away from audience. ▪ Operation ceased if any audience member reports respiratory irritation. 	<p>LOW</p>

07 Wind Management

Inflatable cinema screens are operated within manufacturer wind ratings. The thresholds and actions below apply to all screens. The operator monitors conditions throughout the event.

WIND SPEED	STATUS	ACTION
Below 25 km/h	Normal	Operate as planned.
25 to 30 km/h	Caution	Increase monitoring; brief audience that show may pause.
30 to 35 km/h	Hold	Pause projection; prepare to deflate.
Above 35 km/h	Stop	Deflate screen immediately; secure all equipment.

08 Emergency Procedures

- **Electric shock.** Isolate power at the source. Do not touch the victim until power is isolated. Call 000. Apply first aid as required.
- **Injury.** Apply first aid (operator is first aid trained). Call 000 if serious. Notify the event host.
- **Fire (general).** Evacuate the audience to the assembly point. Use the dry powder extinguisher only if safe. Call 000.
- **Generator fire.** Shut off fuel. Use dry powder only. Do not use water. Call 000 if uncontrolled.
- **Lithium battery fire.** Move people away. Use dry powder only. Never use water. Call 000.
- **Severe weather or lightning.** Cease projection. Deflate the screen if safe. Advise audience to shelter in vehicles or indoors.
- **Lost child or medical event.** Notify the event host. Support the host's response. Call 000 if needed.

09 Emergency Contacts

- **Emergency services.** 000
- **Operator.** 0433 951 928
- **Local council and nearest hospital.** Confirmed by the operator with the venue host before the event and recorded on the event run sheet.

10 Incident Reporting

- **Operator log.** All injuries, near-misses and equipment failures are recorded in the operator log within 24 hours of the event.
- **WorkSafe WA.** Notifiable incidents are reported to WorkSafe WA in line with the Work Health and Safety Act 2020 (WA).
- **Records.** Incident records are retained for a minimum of five years.

11 Compliance

- Work Health and Safety Act 2020 (WA)
- Work Health and Safety (General) Regulations 2022 (WA)

- AS/NZS 3760: In-service safety inspection and testing of electrical equipment
- AS/NZS 3000: Electrical Installations (Wiring Rules)
- Equipment used and maintained per manufacturer specifications
- Public liability insurance current and held by the operator

12 Sign-off

By signing below, the named person acknowledges that they have read, understood, and will comply with this Job Safety Analysis for the activity described.

NAME	ROLE	SIGNATURE	DATE

Kaya. Nidja Whadjuk Noongar Boodja.

We acknowledge the Whadjuk Noongar people as the traditional custodians of the lands on which we work, and pay our respects to Elders past, present and emerging.

END OF DOCUMENT