**Demolition Derby**

**Risk Management Plan Template**

**Show Society Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Show Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Prepared by:**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Reviewed by:**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**President/Secretary Approval:**

I have reviewed and approve the Risk Management Plan.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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# Scope of the Plan:

The scope of the plan established by the Medium Sized Show Society Inc (Show Society) was to develop a practical but thorough risk management plan for the 2018 Medium Sized Show.

It was agreed that the plan should complement and be compatible with those used by other agencies and that it conforms with the International Standard ISO 31000:2018 Risk Management – Guidelines.

# The Context of the Plan:

The Medium Sized Show is planned and managed by the Medium Sized Show Society staffed by volunteers. The Show is expected to attract (please insert number) visitors including competitors and members of the Showmens Guild of Australia (the Guild). The show will include:

**N.B. No alcohol will be served or allowed to be brought onsite by the public or volunteers.**

The plan is intended to provide a framework for managing risks to all persons and property onsite, including animals. It is intended for the plan to help other stakeholders, including local council, Showmen’s Guild, showground contractors and exhibitors to manage risk within their areas of responsibility with an emphasis on communication and management procedures.

# Risk Evaluation Criteria:

The risk criteria utilised to evaluate if risk levels are acceptable are shown below.

**Measure of Likelihood**

|  |  |
| --- | --- |
| **Likelihood** | **Description** |
| **Almost Certain**  (95% - 100% probability of occurring for this operation, project or within the planning process) | * Expected in most circumstances. * Has occurred often in similar circumstances or * Circumstances are in train that will cause it to happen. |
| **Likely**  (50% - 95% probability) | * Has occurred regularly in similar circumstances or * Has occurred recently in other similar shows |
| **Possible**  (5% - <50% probability) | * Has occurred multiple times in the history of the Show and * Circumstances remain where it can happen again |
| **Unlikely**  (<1% to 5% probability) | * Has occurred at least once in the history of the Show and * Circumstances remain where it can happen again |
| **Rare**  (<<<1% probability) | * Has not occurred to date in any similar show and * Is considered to have very much less than a 1% chance of occurring in the current circumstances |

**Measure of Consequences**

|  |  |
| --- | --- |
| **Consequence** | **Description** |
| **Catastrophic** | * Fatality or Total Permanent Disablement injury |
| **Major** | * Permanent disabling injury * Long-term loss of essential Show infrastructure – buildings, power |
| **Moderate** | * Hospitalisation * Damage to property – elements of the show cannot proceed * Death of an animal |
| **Minor** | * Minor injuries requiring basic first aid * Property damage – little or no impact on show * Injury to animals |

**Risk Rating Matrix**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Minor** | **Moderate** | **Major** | **Catastrophic** |
| **Almost Certain** | **MEDIUM** | **HIGH** | **EXTREME** | **EXTREME** |
| **Likely** | **MEDIUM** | **HIGH** | **HIGH** | **EXTREME** |
| **Possible** | **MEDIUM** | **MEDIUM** | **HIGH** | **HIGH** |
| **Unlikely** | **LOW** | **MEDIUM** | **MEDIUM** | **HIGH** |
| **Rare** | **LOW** | **LOW** | **MEDIUM** | **MEDIUM** |

**Risk Approval Schedule**

|  |  |
| --- | --- |
| **RESIDUAL RISK RATING** | **ACTION** |
| **EXTREME** | **Unacceptable – Discontinue Activity** |
| **HIGH** | **Unacceptable – Discontinue Activity or ensure appropriate waivers are in place** |
| **MEDIUM** | **Acceptable – Ensure approved processes/procedures are followed** |
| **LOW** | **Acceptable** |

| **Activity or Event** | | | **Demolition Derby** | | |
| --- | --- | --- | --- | --- | --- |
| **#** | **Hazards** | **Description of Potential Consequences** | | **Risk Control Measures** | **Risk Level** |
| 1 | Vehicle Collisions | Severe injury or death to drivers. | | Enforce strict vehicle safety standards, driver protective gear (helmets, neck braces, roll cages). | Medium |
| 2 | Vehicle Malfunction | Loss of vehicle control, leading to crashes. | | Pre-race vehicle inspections for mechanical integrity (brakes, steering, engine). | Low |
| 3 | Fire Hazard | Fuel leaks or electrical failures causing vehicle fires. | | Equip cars with fire extinguishers, fire-resistant driver suits, place fire trucks nearby. | Low |
| 4 | Debris and Projectiles | Flying debris injuring spectators. | | Install high-grade safety barriers and netting between the track and spectators. | Medium |
| 5 | Barrier/Fence Failure | Vehicles breaching spectator areas causing injuries. | | Use certified crash barriers, inspect them before the event, and ensure structural integrity. | Medium |
| 6 | Overcrowding and Poor Crowd Control | Injuries due to panicked evacuations or overcrowding at exits. | | Implement crowd control measures, limit access to capacity, and designate emergency exit points. | Low |
| 7 | Oil, Fuel, and Chemical Spills | Environmental contamination or fire hazard. | | Implement a waste management plan to properly dispose of debris and hazardous materials.  Designate refuelling areas, use spill kits in pit zones, and train staff in spill management.  Use containment measures to prevent fuel spills | Low |
| 8 | Weather Conditions Impacting Track Safety | Slippery or unsafe conditions leading to increased crashes. | | Monitor weather, prepare track with proper materials, and postpone in unsafe conditions. | Low |
| 9 | Inadequate Medical Services | Delayed response to serious injuries leading to worsened outcomes. | | Ensure medical personnel and emergency vehicles are stationed onsite. | Low |
| 10 | Legal and Financial Risks (Insurance Coverage) | Financial liability from injuries or non-compliance with regulations. Legal claims or lawsuits arising from injuries, property damage, or environmental issues. | | Ensure full insurance coverage and require liability waivers from participants. | Low |
| 11 | Participant Injuries | Injuries to drivers, passengers, and event staff due to collisions,  flying debris, or equipment failure. | | Have qualified medical personnel on-site | Moderate |
| 12 | Spectator Injuries | Injuries to spectators from flying debris, errant vehicles, or structural  failures. | | Have qualified medical personnel on-site  **Protective Barriers:** Install sturdy barriers between the track and spectator areas.  **Controlled Access:** Implement crowd control measures and limit spectator access to designated areas. | Low |
| 13 | Property Damage | Damage to vehicles, equipment, and event infrastructure | | Have a plan in place for emergency repairs in case of damage. | Moderate |

**Monitoring and Evaluation**

**Regular Inspections:** Conduct regular inspections of vehicles, equipment, and infrastructure.

**Safety Audits:** Conduct safety audits of the event to identify and address potential hazards.

**Post-Event Review:** Conduct a post-event review to evaluate the effectiveness of risk mitigation strategies and identify areas for improvement.

By implementing these risk management strategies, organizers can significantly reduce the likelihood of accidents and injuries, ensuring a safe and enjoyable experience for all involved

**Name:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
**Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
**Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_