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| --- | --- | --- | --- | --- | --- |
| **Site / Area:** |       | **Date of assessment:**  |  | **Risk Assessment #:** | **035RA** |
| **Completed by (name):** |       | **Signature:** |       |
| **In Consultation with** |       | **Signature:** |       |
| **Identify / describe activity, equipment, area or event you are assessing:**  | **FIREWORKS DISPLAY** |
| **In conjunction with this risk assessment training / education and development of an SOP may be required.** |
| **Step 1:** **Identify the hazard/s:**What do you believe are the hazards?(Refer Risk Assessment Guideline (015G) | **Step 2: Assess the risks:**What do you believe are the risks?(Refer *Risk Assessment Guideline (015G)* | **Step 3: Reducing the risk:**What do you believe can be done to reduce the risk?(Refer *Risk Assessment Guideline (015G)* |
| **What could cause harm?** | **What could go wrong?** | **Controls** |
| **Noise*** Prolonged exposure
* No hearing protection
* Inadequate hearing protection
 | * Hearing loss
* Deafness
* Fatigue
* Damage to internal organs
 | * Hearing protection (PPE)
 |
| **Other*** Injury caused by fireworks
 | * Fire
* Property damage
* Burns
* Cuts/abrasion, muscular skeletal and other physical injuries
 | * Permission should be obtained from the owner or body in control of the land on which, or premises in which, the display is to occur (including the Local Council if Council controlled land is to be used)
* Licenced pyrotechnician contracted to set up fireworks display
* Safe exclusion zone set up around the fireworks area
* Spectators are kept at a safe distance from the firing zone
* The firing zone has been checked and is free from obstructions i.e. trees, overhead power cables and well away from buildings
* Spent fireworks cases gathered, site checked at first light for partly spent fireworks and removed safely by pyro technician
* Trained first aiders on site. First aid facilities made available
* Obtain risk assessments from Contractors (paperwork they have notified SafeWork SA).
* Obtain public liability insurance
 |
| **Other*** Fire
 | * Burns
* Property damage
 | * Check for fire ban restrictions
* Adequate separation from buildings has been determined
* Adequate firefighting facilities available (e.g. fire extinguishers, hose reels, water etc.)
* Emergency procedures in place and staff to control crowds in place
 |
| **Other*** Crowd control & overcrowding
 | * Crush injuries
* Panic
* Distress
* Separation of children from parents
* Unsafe access / egress
* Slips, trips & falls
 | * Designated entrance and exit points are clearly marked and are well lit
* Adequate numbers of staff to control the crowd (identifiable by wearing high vis vest)
* Emergency procedures in place and staff informed.
* PA / loudspeaker / megaphone used to communicate to the crowd.
* Spectators are not allowed into the display area and signage is displayed advising of this
* Barriers and adequate supervision to prevent unauthorised used and control access and egress
 |
| **Other*** Security
 | * Unauthorised access
* Inadvertent access
* Malicious damage
* Theft
 | * Areas other than those needed for the event are accessible only by authorised persons
* Buildings apart from essential areas are locked
* Security Company contracted to monitor area over night
* Setting up of fireworks is the responsibility of the pyrotechnician who will advise on specific security arrangements of the fireworks
 |
| **Other** | *
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| **Authorised by:** |  | **Signature:** |  | **Date:** |  |

**Review hazard/risk assessment if task or circumstances change and at intervals appropriate to the level of risk (minimum 5 years).**

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| **Step 4: Monitor & review:**(Refer to hazard sheet)**Please tick Yes or No** |
| **Were the controls effective?** | **Were there any unforeseen hazards/ incidents?** | **New controls** |
| **Yes** | **[ ]**  | **No** | **[ ]**  | **Yes** | **[ ]**  | **No** | **[ ]**  |
| **DETAILS** | **DETAILS** | **DETAILS** |
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| --- | --- | --- | --- | --- | --- |
| **Name:** |  | **Signature:** |  | **Date:** |  |