

# Health and Safety Risk Assessment Control Plan

Version 4

**Enviropoles Australia**

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## 1. Hierarchy of Control measures

Aim and Definition		Example of Control
<b>Eliminate the Hazard</b>	<b>Eliminate</b> – Get rid of the hazard out of the workplace.	<ul style="list-style-type: none"> <li>Redesign the work process to remove the hazard</li> <li>Redesign of the work process to eliminate exposure</li> </ul>
<b>Change the way work is done</b>	<b>Substitute</b> - Try to replace or change plant/ machinery, substance or materials to lower the risk from the hazard.	<ul style="list-style-type: none"> <li>Use non-hazardous chemicals for cleaning and operations</li> <li>Using air powered tools instead of electric powered tools</li> </ul>
	<b>Try to Isolate the hazard</b>	<ul style="list-style-type: none"> <li>Insulation (eg. Sound proofing, heat and debris insulating)</li> <li>Place noisy, particle emitting equipment in locations away from people.</li> </ul>
	<b>Engineering control</b> – Design and install equipment to counteract the hazard	<ul style="list-style-type: none"> <li>Use lifting aids to move heavy items</li> <li>Re-engineer equipment for safe manual handling</li> </ul>
	<b>Administrative control</b> - Arrange work so people spend less time around the hazard and the controls.	<ul style="list-style-type: none"> <li>Environmental Risk assessment JSA (Job Site analysis)</li> <li>Co-ordinate work times to reduce risks</li> </ul>
<b>Protective Equipment</b>	<p><b>Use Protective equipment – personal and environment</b></p> <p>As a short term measure arrange for people to wear personal protective equipment and clothing near the hazard</p> <p>Use physical barriers to prevent environmental damage</p>	<p>Samples of Personal equipment :</p> <ul style="list-style-type: none"> <li>gloves,</li> <li>steel capped boots</li> <li>safety goggles</li> <li>Hat</li> <li>Sunglasses</li> <li>Sunscreen</li> <li>High Visibility vests</li> <li>Ear plugs / ear muffs</li> </ul> <p>Samples of Environment equipment</p> <ul style="list-style-type: none"> <li>Safety bollards,</li> <li>Safety perimeter tape</li> <li>Safety witches hats</li> <li>Spill kits</li> </ul>

## 1. Health and Safety Risk Assessment control plan

Aim and Definition	Enviropoles Service related example		
	Operations	Enviropoles Control	Outcome of Control
<b>Eliminate –</b> Remove risk of the hazard out of the workplace.	Damaged Butt bin in situ requires repairs	<ul style="list-style-type: none"> <li>Remove Butt bin and take to safe area away from the public to carry out repair works.</li> <li>Take back to factory for repairs if possible to controlled area.</li> </ul>	<ul style="list-style-type: none"> <li>Reduces risk of hazardous equipment exposure to others</li> </ul>
<b>Substitute-</b> Plant/ machinery or substance to lower risk	Chemicals used for cleaning, deodorizing and water softening	<ul style="list-style-type: none"> <li>Use only environmentally friendly water based chemicals.</li> <li>No Aggressive chemicals</li> </ul>	<ul style="list-style-type: none"> <li>Reduces risk of chemical injuries caused by harsh toxic or aggressive chemicals.</li> </ul>
<b>Try to Isolate the hazard</b>	Installations require drilling	<ul style="list-style-type: none"> <li>Use safety barriers to keep public away from the area when drilling or carrying out installations.</li> </ul>	<ul style="list-style-type: none"> <li>Reduces risk of hazards to others</li> </ul>
<b>Engineering control –</b> Design and install equipment to counteract the hazard	Emptying high levels of waste from vehicles waste collection container	<ul style="list-style-type: none"> <li>Re-engineer waste collection tanks and vehicles to suit easy emptying at waste separator facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Reduces manual handling and risk of injury.</li> <li>No heavy lifting required.</li> </ul>
<b>Administrative control-</b> Arrange work so people spend less time around the hazard and the controls.	General Cleaning and installation Services	<ul style="list-style-type: none"> <li>Job site analysis to establish best practices to minimize hazards</li> <li>Carry out cleaning and installation at times with minimal other traffic, people and commuters.</li> </ul>	<ul style="list-style-type: none"> <li>Reduces the risk of others being exposed to hazards.</li> <li>Reduces the risk of worker exposed to traffic risks.</li> <li>Reduces hours of operation, spending less time at risk.</li> </ul>
<b>Use Protective equipment – personal and environment</b>	General Cleaning and installation Services	<ul style="list-style-type: none"> <li>Use protective equipment at all times, Such as Vic roads approved safety vest.</li> <li>Gloves, protective goggles or glasses.</li> <li>Use protective safety barriers to keep public away from area.</li> <li>Use High Viz LED lights on vehicle</li> </ul>	<ul style="list-style-type: none"> <li>Protective glasses to reduce risk splashing eyes.</li> <li>Gloves for handling and safety vest for visibility.</li> <li>Barriers reduce the risk of others walking into hazardous area.</li> <li>High viz led warning lights ensure all traffic and public are aware the vehicle is carrying out works in the area and to proceed with caution.</li> </ul>

# 1. Health and Safety Risk Assessment Control plan flow chart

