

Health and Safety Risk Assessment Control Plan

Version 9

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1. Hierarchy of Control measures

Aim and Definition		Example of Control
Eliminate the Hazard	Eliminate – Get rid of the hazard out of the workplace.	- Redesign the work process to remove the hazard - Redesign of the work process to eliminate exposure
Change the way work is done	Substitute - Try to replace or change plant/ machinery, substance or materials to lower the risk from the hazard.	- Use non-hazardous chemicals for cleaning and operations - Using air powered tools instead of electric powered tools
	Try to Isolate the hazard	- Insulation (eg. Sound proofing, heat and debris insulating) - Place noisy, particle emitting equipment in locations away from people.
	Engineering control – Design and install equipment to counteract the hazard	- Use lifting aids to move heavy items - Re-engineer equipment for safe manual handling
	Administrative control - Arrange work so people spend less time around the hazard and the controls.	- Environmental Risk assessment JSA (Job Site analysis) - Co-ordinate work times to reduce risks
Protective Equipment	Use Protective equipment – personal and environment As a short-term measure arrange for people to wear personal protective equipment and clothing near the hazard Use physical barriers to prevent environmental damage	Samples of Personal equipment: - gloves, - steel capped boots - safety goggles - Hat - Sunglasses - Sunscreen - High Visibility vests - Ear plugs / ear muffs - Face masks Samples of Environment equipment - Safety bollards, - Safety perimeter tape - Safety witches hats - Spill kits

1. Health and Safety Risk Assessment control plan

Aim and Definition	Enviropoles Service related example		
	Operations	Enviropoles Control	Outcome of Control
Eliminate – Remove risk of the hazard out of the workplace.	Damaged Butt bin in situ requires repairs	- Remove Butt bin and take to safe area away from the public to carry out repair works. - Take back to factory for repairs if possible to controlled area.	Reduces risk of hazardous equipment exposure to others
Substitute- Plant/ machinery or substance to lower risk	Chemicals used for cleaning, deodorizing and water softening	- Use only environmentally friendly water-based chemicals. - No Aggressive chemicals	Reduces risk of chemical injuries caused by harsh toxic or aggressive chemicals.
Try to Isolate the hazard	Installations require drilling	Use safety barriers to keep public away from the area when drilling or carrying out installations.	Reduces risk of hazards to others
Engineering control – Design and install equipment to counteract the hazard	Emptying high levels of waste from vehicles waste collection container	Re-engineer waste collection tanks and vehicles to suit easy emptying at waste separator facilities.	- Reduces manual handling and risk of injury. - No heavy lifting required.
Administrative control- Arrange work so people spend less time around the hazard and the controls.	General Cleaning and installation Services	- Job site analysis to establish best practices to minimize hazards - Carry out cleaning and installation at times with minimal other traffic, people and commuters.	- Reduces the risk of others being exposed to hazards. - Reduces the risk of worker exposed to traffic risks. - Reduces hours of operation, spending less time at risk.
Use Protective equipment – personal and environment	General Cleaning and installation Services	- Use protective equipment at all times, Such as Vic roads approved safety vest. - Gloves, protective goggles or glasses. - Use protective safety barriers to keep public away from area. - Use High Viz LED lights on vehicle - Ensure vehicles are fitted with easily accessible fire extinguishers - All vehicles must be fitted with First aid kits.	- Protective glasses to reduce risk splashing eyes. - Gloves for handling and safety vest for visibility. - Barriers reduce the risk of others walking into hazardous area. - 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. - Use of face masks to reduce risk of virus transmission.

1. Health and Safety Risk Assessment Control plan flow chart

