



No. 81 RIVERSTONE
PARADE, RIVERSTONE.
PO BOX 422 ROUND
CORNER 2158

MANAGEMENT FOLDER
SAFE WORK METHOD STATEMENT
3.1-101 -SWMS- BLOWER OPERATION ON SITE

Job Number:	Start Time:	Date:	Vehicle:	Supervisor:	Max Length Hose:							
Company Name:			Product:		Quantities:	Depth:						
Job site address:			Description of Job:		Truck Access:							
Client Contact Name:		Phone:	Site Contact Name:		Phone:	On Site Induction: Yes / No	Planted Up? Yes / No					
Training and Consultation Required to Complete this Task (please X below)		PPE Requirements: (please X below)		Equipment Required: (please X below)		Potential Environmental Hazards (please X below)		Hazardous Materials (please X below)		Emergency Equipment (please X below)		
<input checked="" type="checkbox"/>	Construction Industry Induction White Card	<input checked="" type="checkbox"/>	Hard Hat	<input checked="" type="checkbox"/>	Bark Blower	<input checked="" type="checkbox"/>	Air Pollution Dust		Gasoline	<input checked="" type="checkbox"/>	Fire Extinguishers	
<input checked="" type="checkbox"/>	Site Induction/ Toolbox Talk –	<input checked="" type="checkbox"/>	Steel Capped Boots	<input checked="" type="checkbox"/>	Leaf Blower		Spills to ground	<input checked="" type="checkbox"/>	Auto Diesel Fuel	<input checked="" type="checkbox"/>	First Aid Kit	
High Risk Work Licence Required for task		<input checked="" type="checkbox"/>	Glasses/Goggles	<input checked="" type="checkbox"/>	Brooms		Spills to water		Revtext Super 2T		Other	
	High Risk Licence:	<input checked="" type="checkbox"/>	Gloves		Rake	<input checked="" type="checkbox"/>	Noise Pollution		Fertilizer		Other	
	VOC:	<input checked="" type="checkbox"/>	Hearing Protection class 5		Shovel		Soil Erosion		Product:		Other	
	Permit:	<input checked="" type="checkbox"/>	High Visibility		Fall Protection (rails)		Hazards to flora / fauna		Product:			
		<input checked="" type="checkbox"/>	Dust Mask – P2 min		Bins	Applicable Legislation Standards and Codes of Practice 1. National WH&S Act 2011 2. National WH&S Regulation 2017 3. Injury Management and Workers Compensation Act 1998 4. COP Hazardous Manual Task Oct 2018 5. COP Construction Work August 2019 6. COP Managing the Risk of Falls in the Workplace August 2019 7. COP Managing Noise & Preventing Hearing Loss at Work July 2020						
		<input checked="" type="checkbox"/>	Wet Weather Gear		Ramp							
		<input checked="" type="checkbox"/>	Long and Longs		Harness							
Hierarchy of Control - The hierarchy of control is a step-by-step approach to eliminating or reducing risks. A risk of harm to someone occurs when a hazard cannot be removed from the workplace. If a hazard cannot be eliminated, the potential for injury must be minimised and the risk managed on an ongoing basis.												
ELIMINATION	Get rid of the risk all together - Is there a need to do it.						High Risk Construction Work Controls Required					
SUBSTITUTION	Replace the hazard with something safer – e.g. access							Fall from Heights		Public Areas		
ISOLATION	Limit access to the area – put in exclusion zones						<input checked="" type="checkbox"/>	Dust / Noise	<input checked="" type="checkbox"/>	Delineation / isolation		
ENGINEERING	Design and plan systems or process to lesson risk – certified clamps to scaffold or building to support pipes							Access / Egress		Parking Traffic Management		
ADMINISTRATION	Communicate risks to workers and alert others around you – Train workers in the SWMS, Toolbox meeting, site prestart						<input checked="" type="checkbox"/>	Manual Handling		Powerlines		
P P E	If the risk still exists use appropriate for the task – e.g. earmuffs, harnesses, chin strap on hat							Overhead work				
The following staff were consulted in the development of this SWMS:		•			•			•				
		•			•			•				
		•			•			•				

This SWMS was Prepared By:		Position:		On this Date:		Signed:	
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Date Authorised:	GM 17/08/2020	Author:	Darren Hunt	Revision Date:	05/03/2021	Page:	1 of 9



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			<i>From Table on last page</i>				<i>From Table on last page</i>				
			L	x	C = R						
1	Arrival to Site	Not gone to correct location losing time	4	3	12	Read through site assessment plans prior to leaving yard, this will detail instruction for site in relation to parking, contact, work, product, and induction details.	2	3	6	Project Manager Estimator Supervisor	
		No site contact causing loss of time	3	3	9	Contact site prior to arrival, for contact for clarification on works and induction.	1	3	3		
		Parking not indicated, risk of fines and loss time	4	3	12	Pre organised with site, mapped out on paperwork of site assessment.	1	3	3		
		Not understanding of emergency process risk of harm if not knowing in case of emergency	4	4	16	Induction to be completed prior to works commencing.	2	4	8		
2	Site set up	Traffic interference with setting up risk of being struck by vehicle and causing traffic build up.	4	4	16	Reference the site assessment plan for pre-planned traffic management and parking zone.	2	4	8	Site Supervisor workers	
		Overhead hazards, power, communication lines or cranes working.	3	5	15	Assess all hazards and discuss with site supervisor, risk assessment to be completed for any further controls required to be put in place.	1	5	5		
		Trip hazards in area, risk to public, workers or self.	4	4	16	Clear obstructions/trip hazards in your work area Consult with client to move items.	2	4	8		
		Manual handling lifting pipes and connecting them giving sprains and strains with loss time injury.	3	4	12	Do not strain lifting or lift more than capability, bend knees use legs not back and share load.	2	4	8		

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			From Table on last page $L \times C = R$				From Table on last page $L \times C = R$			
3	Pre-start of operation	Delivery pipe not secured and move around hitting and falling on other workers causing injury.	4	4	16	Secure all pipes with risk of moving or falling. Plan pipe placement to minimise trip hazards. Set out exclusion zones.	2	4	8	Site Supervisor Workers
		No consultation with other workers in the vicinity of work zone, putting dust over other works and workers on site, trip over hoses.	4	5	20	Ensure all other workers are aware of hazards on start-up and works, create a 10m perimeter to help eliminate dust on others and material over them and their work. Set up water hose for product to add water if required for dust suppression.	2	5	10	
		Pipe joint dislodge come apart, putting product everywhere hitting others on site causing injury.	3	4	12	Ensure all joints are taped to avoid risk of latches coming off from movement with sand and gravels, other products possible but low risk, tape if required.	1	4	4	
		Signage and no warning for noise on truck affecting hearing.	4	4	16	coming off from movement with sand and gravels, other products possible but low risk, tape if required.	2	4	8	
		Pedestrians trip over hose coming off the truck, falling on foot path or traffic areas on site, causing serious injury to workers or public.	4	4	16	Ensure signage is displayed to warn others of hazards with noise and trip hazards. Put out ramps over hose in pedestrian areas.	2	4	8	
		Incorrect PPE leaving workers to exposer of injury and inhaling dust with open to lung respiratory issues. Noisy engines running at peak operation will damage ear drums resulting in hearing loss	3	4	12	PPE to be always checked and worn as per SWMS requirement and site requirements. P2 masks and class 5 ear protection.	2	4	8	

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4	Delineation of work area	Work areas not defined or do not have barriers may put others at risk of contact with plant. Causing injury, entanglement.	5	4	20	Control measures that may be considered: road closures, work areas closed, footpath or high traffic area closures, detours signing, traffic controllers or exclusion zones.	2	4	8	Supervisor Workers
		Operation of the blower at the blower unit is noisy and standing for long periods of time near it will cause hearing damage or loss.	4	4	16	Place a barrier or more around blower with witches' hats or other to prevent others coming near extensive noise zone, ear protection is to be worn around Blower when in operation.	1	4	4	
5	Run Operation of blower	No warning of start up to other workers in the area, blowing dust and product in work area, hitting others inhale of dust from product.	5	4	20	Call out when starting up for a warning e.g. "Blower Starting" ensure the consultation has taken place for work area clearance. All workers are to wear dust mask while in operation.	2	4	8	Supervisor workers
		Holding pipe while operating can cause strains and sprains products can make pipes kick hard when blocking and releasing, this can cause discomfort or muscular aches and pains, even if they are experience in holding blower hose.	4	4	16	Persons holding hose are to trained and aware of risks, they are to be shown the correct technique by an experienced operator.	2	4	8	
		Tripping and falling over hazards when moving around work area, causing serious injury.	3	4	12	Check work area, spotter to watch for hazards and notify person operating blower for unforeseen hazards or obstacles	2	4	8	

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6	Working at Heights	Workers working at heights with no protection of falling from one level to the next, no system to prevent falls, resulting in serious injury or death.	5	5	25	A guard rail system is required to be in place attached to the structure and be capable of withstanding loads that will be applied e.g. workers falling against rail. The guardrail needs to be of a top rail 900mm to 1100mm above the working surface, a mid rail, and a toe board. It is possible the toe board is the top edge of working surface as long as its 100mm or greater. No worker is to work or take any risk with working from heights.	2	5	10	Supervisor workers
Individual fall arrest systems must only be used where it is not reasonably practicable to use higher level control measures, this can still result in serious injury.		4	4	16	A restraint technique controls a person's movement by physical preventing the person from reaching a position at which there is a risk of fall. It consists of a harness that is connected by a lanyard to an anchorage or horizontal lifeline. It must be set up to protect the wearer from reaching the unprotected edge. Used commonly to install a fall prevention device.	3	4	12		

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7	Manual Handling - Clearing blockages operating hose	Serious injury can be caused by incorrect operation and footing, workers can fall be pushed back hit objects when blockages clear hose lines.	5	5	25	<p>Always be aware of and prepared for the fact that a sudden increase in force can occur should a partial blockage break free and be blown through the hose. Failure to have a firm grip on the hose and good balanced stance could result in the operator losing control of the hose, losing their balance or both. Maintain approved techniques for holding the hose and nozzle during application. I.e.</p> <p>Over the Hip: Place the hose on the hip and hold it firmly against the body such that the end of the hose is about 75% of arm length out from the body (not including the sock). Use the free hand to grip the end of the hose and direct the product flow.</p> <p>On the Shoulder: Place the hose on the shoulder and loop your arm up and over the hose to hold it firmly in position, such that the end of the hose is about 75% of arm length out from the body (not including the sock). Hold the end of the hose with your free hand to direct the product flow.</p> <p>Ergonomics - maintain a good posture and keep the back straight during application. Do not bend, twist, or lean to the side, if you must swivel, swivel from the hips, and keep the back straight.</p> <p>Be conscious of the fact the hose is behind you, do not take big steps backwards, that could cause you to step on the hose and lose your balance. If you must walk backwards take small steps keeping the foot close to the ground that would enable you to feel any object before you stood on it.</p> <p>Rotate roles with the Spotter every 20 – 30 minutes to avoid fatigue due to manual handling and vibration.</p> <p>Spotter: The role of the Spotter is to act as Safety Man for the Applicator, because the Applicator is focused on the product</p>	2	5	10	Supervisor workers

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			L	C	R		L	C	R	
						stream, he may not always be aware of where he is and what hazards are around him: Continually move and adjust the position of the hose such that the Applicator will not stumble/trip over it if he steps backwards. Keep an eye out for and warn Applicator of any dangers behind him that could cause a slip, trip, or fall, e.g. a step, raised garden border or drop off.				
8	Clean up and pack up	Manual handling hoses sprains and strains caused by lifting, pulling, and bending.	4	4	16	Use proper manual handling techniques and share loads.	2	4	8	Supervisor worker
		Dust inhalation from blowing and sweeping	5	5	25	Ensure PPE is still on for protection from dust and leave all warning signs out till pack up is complete.	1	5	5	
		Not securing items on truck or trailer will let them come off during travel, causing death or serious injury	4	5	20	All loads are to be secured and not allowed to become free in travel, check the load restraint is adequate to hold load, check with supervisor to source information if required to.	1	4	4	
9										

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RISK MATRIX - The risk matrix assesses the likelihood and consequence of a hazard. This assessment determines the level of risk associated with the hazard. Likelihood is the probability that something might happen. Consequence is defined as the most probable result of the potential incident. Likelihood x Consequence = risk		Consequence				
		1	2	3	4	5
		Insignificant – No Injuries / Minimal financial loss	Minor – First aide treatment medium financial loss	Moderate – Medical Treatment/high financial loss	Major – Hospital loss time / large financial loss	Catastrophic - Death / Massive financial loss
Likelihood	5 Almost Certain – Occurs Often	5 Moderate	10 high	15 high	20 Catastrophic	25 Catastrophic
	4 Likely – Could easily happen	4 Moderate	8 Moderate	12 high	16 Catastrophic	20 Catastrophic
	3 Possible – could happen and known to	3 low	6 Moderate	9 Moderate	12 high	15 high
	2 Unlikely – Potential to happen	2 low	4 Moderate	6 Moderate	8 Moderate	10 high
	1 Rare – Extreme circumstances to happen	1 low	2 low	3 low	4 Moderate	5 Moderate

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Training and Consultation Statement

By signing below, the listed workers and their supervisors confirm that they have been made aware of the hazards identified in this document and had input to identifying those hazards and implementing the controls to those hazards. By signing this they understand, accept, and agree to work in full accordance with the safety risk controls stipulated in this document and with the site safety, environmental and industrial relations rules applied to the premises on which they will carry out the task(s). All personnel listed understand, accept, and agree that repeated or wilful failure to comply with safety requirements or requests may result in their removal from site and possible further disciplinary action which may result in termination of employment.

NAME	COMPANY	Construction Induction Card No	DATE	SIGNATURE

Hills Bark Blower: the below representative has checked all workers are conforming to the above controls and risks are identified on site.

Name/Signature: _____ Date/Time: _____ Position: _____

Supervisor / Project Manager: I have reviewed this Safe Work Method Statement with all the scope of works to be carried out on site. The controls in place have reduced risk and is the safest way to proceed in this process in my view. If the SWMS is revised, all versions are to be kept.

Name: _____ Signature: _____

Date: _____ Position: _____

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