



# Site Job Safety Analysis (JSA) SAFE WORK METHOD STATEMENT

Tremline Pty Ltd /The Hills Bark Blower  
Cnr Annangrove & Sedger Rds Kenthurst , NSW, 2156  
PO Box 422, Round Corner, NSW, 2158  
Tel: 02 9654 2288 Fax: 61 2 96542329  
ABN 12 075 880 652 Website: [www.barkblower.com.au](http://www.barkblower.com.au)

<b>JSA No: 0314 Rev: 4.04.2014 Date: 4.03.2014</b> Prepared by: The Hills Bark Blower. Chris Natrass Approved for site: Bark Blower supervisor to sign Sign: _____ Date: ____/____/____	<b>Operation of Mobile Pneumatic/ST20 Product Placement Device at Site</b>	<b>Project Name:</b> _____ <b>Site Location</b> _____
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<b>Job Number</b> C14/	<b>Start Time:</b>	<b>Date:</b>	<b>Vehicle</b>	<b>Supervisor:</b>	<b>Max Length Hose:</b>	
<b>Company Name:</b>		<b>Product:</b>			<b>Quantities:</b>	<b>Depth:</b>
<b>Job site address:</b>		<b>Description of Job:</b>			<b>Truck Access:</b>	
<b>Initial Contact Name:</b>	<b>Phone</b>	<b>Site Contact Name:</b>	<b>Phone:</b>	<b>OH&amp;S Induction:</b> Yes	<b>Planted Up?</b> Yes	

**Expected Duration of works:** 3 working Days

X	Specific Permits & Training Required to Complete this Task (please X below)	X	PPE Requirements: (please X below)	X	Equipment Required: (please X below)	X	Potential Environmental Hazards (please X below)	X	Hazardous Materials (please X below)	X	Emergency Equipment (please X below)
X	Construction Industry Induction White Card	X	Hard Hat	X	Bark Blower	X	Air Pollution Dust		Gasoline	X	Fire Extinguishers
X	Site Induction/ Toolbox Talk	X	Steel Capped Boots	X	Leaf Blower	X	Spills to ground		Automotive Diesel Fuel	X	First Aid Kit
X	Current Drivers Lic of appropriate class to drive truck	X	Glasses/Goggles	X	Brooms		Spills to water		Revtext Super 2T		Other
	General sit permit to work	X	Gloves	X	Rake	X	Noise Pollution		Other		Other
X	Signed SWMS all workers	X	Hearing Protection	X	Shovel		Soil Erosion		Other		Other
<b>Product MSDS</b>		X	Dust Mask	X	Bins		Hazards to flora and fauna		Other		Other
	Planter Box Mix		Wet Weather Gear		Ramp	<b>Applicable Standards and Codes of Practice</b>					
	Express Blower		X Protective Clothing X Long Sleeved Shirt and trousers plus high visibility vest		Harness	1. National Workplace Health & Safety Act 2011 2. National Workplace Health & Safety Regulation 2011 3. Injury Management and Workers Compensation Act 1998					
	B Horizon		X Sun Screen			Work Cover Code of Practice Moving Plant on Construction Sites					
	Turf Underlay		X Face Shield								

	Name (list all persons performing this work below – copy & attach additional sheets as required)	Special Tools	Comments
Date	Name	Signature	



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## Operation of Mobile Pneumatic/ST20 Product Placement Device at Site

Project Name: \_\_\_\_\_  
Site Location \_\_\_\_\_

### HAZARD - ASSESMENT FORM

HAZARD (what is the danger associated with the task)	E.S.I.M Eliminate/substitute/ isolate/minimise	ACTION (What are you going to do to manage the Hazard)	BY WHOM	START DATE	FINISH DATE	SIGNATURE (hazard has been managed)
Work taking place alongside busy roadway.	Minimise	Traffic Management			Ongoing	
Working in enclosed surroundings / conditions	Minimise	Staff to be briefed on work conditions	Hills		Ongoing	
Excessive Noise	Minimise	Provide Hearing protection	Hills		Ongoing	
Inhalation of hazardous dust and, or other	Eliminate	Provide appropriate breathing apparatus	Hills		Ongoing	
Accessing Top of Vehicle potential fall from height.	minimise	Operators trained in use of B-Safe, Vertical safety ladder system.	Hills		Ongoing	



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Step	Job/Task(s)  <i>Break job down into steps</i>	Hazard(s)  <i>Identify hazards associated with each step, examine each to find possibilities that could lead to injury or environmental impact</i>	Risk Rating			Solution / Control Measure / Safe Work Method  <i>Using the previous two columns as a guide, decide what actions are necessary to eliminate or minimise the hazards that could lead to an accident, injury or occupational illness or environmental impact</i>	New Risk Rating			Responsible Persons to implement (Minimum Competency Level)
			From Table on last page	L	x		C = R	From Table on last page	L	
1	Daily Pre-Start of equipment	Truck or Loader failure	3	3	2	Conduct Pre-start check	5	3	3	Truck Driver
2	Loading of product into vehicle	Person struck by loader or caught between loader and vehicle or loader and material bays.	1	2	1	No person permitted within 3 metres of operating loader (3 metre rule) Operator of loader has operator's licence.	4	2	2	Supervisor
		Bacterial infection from soil and composted material.	4	3	2	Enclose cab on door Recommended PPE (Gloves, Long sleeves and pants, eye goggles, breathing mask	5	4	3	Loader Driver
3	Transport plant to site	Driving equipment to site – accident	3	2	1	Ensure driver has appropriate licence and sufficient time is provided to get to job , which included time for breaks if necessary– “STOP, REVIVE , SURVIVE”	4	2	2	Driver/ Supervisor
4	Site Establishment  Positioning Vehicles	Impact with structures	4	2	2	Utilise a guide and observer Slow speed	5	2	3	Supervisor/ Labourer
		Impact with overhead electrical or communication cables	3	1	1	Employ a competent observer where there is a risk of contact with overhead cables. Refer to Safe work procedure “106 Work near power lines”	4	1	2	Supervisor/ Labourer



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#	Task	Hazard	L	S	R	Control Measures	L	S	R	Responsible
	Accessing top of vehicle	Fall into augers	4	1	2	Operators banned from accessing top of vehicles at all times.	5	1	2	Supervisor
		Fall from ladder	4	2	2	Three points of contacts maintained at all times. Blower and Augers turned off. Hands free of objects. Harness attached at all times when working above 1.8 metres. Supervisors Only.	5	2	2	Supervisor
	Unloading hoses from truck	Manual Handling sprain/ strain	4	2	2	Avoid over reaching Team lift larger hoses	5	2	2	Supervisor
			3	4	2	Avoid dragging hoses over obstructions	4	2	3	Labourer Labourer
						Barricade area with warning tape (see exclusion zone diagram)				Labourer
	Deploying hoses in public place with pedestrian access	Slips, trips, and falls over hoses by other workers or pedestrians.	3	4	2	Elevate hose over walkways or ramp over hoses.	4	2	3	
<b>5</b>	<b>Operation and Application of Material</b>									
	Operation	Person entering work site	4	2	2	Establish exclusion zone Utilise signs defining necessary PPE.	5	4	3	Labourer
						Place barriers where necessary, place signs identifying the correct PPE.				Labourer
						Traffic cones over trip hazards				Labourer
						Use observer or controller where necessary				Labourer



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Operation Continue....	Person entering work site continued.....	3	3	2	Complete Exclusion Zone Checklists	4	4	3	<b>Labourer</b>
	Excessive noise when in the vicinity of truck.	3	3	2	Use hearing protection Limit exposure time	4	3	2	<b>Labourer</b>
	Effect of Noise on others (Under 80 DBA)	3	3	2	Anyone working within 5m of truck must where 32 DBA ear protection. 10m away from truck, no effect	4	4	3	<b>Operator/ Supervisor</b>
	Spraying product	2	3	2	Use goggles, mask at all times, activate dust suppression on vehicle				
	Airborne Dust	2	3	2	Minimise airborne dust by using Dust suppression system on Bark Blower. Adjust Dust Suppression system to the required setting on a day to day basis to eliminate excessive dust. The Dust Suppression System applies water to the material being blown at an adjustable rate. Water is introduced to the material where the material enters air stream.	4	2	3	<b>Operators/ Supervisors</b>
	Effect on others while spraying product	3	4	2	Set up exclusion zone according to Safe Work Procedure/ Exclusion Zone.  On days of extreme wind where Exclusion zone is not manageable. Blowing of product must cease.	4	4	3	<b>Supervisor</b>
	Manual handling sprain when holding and moving hoses.				Training in technique	4	2	3	<b>Supervisor</b>
	Sprain while clearing hose blockage	3	4	2	Keep and hold hose between thigh and shoulder height where practical.	4	2	3	<b>Management/ Supervisor</b>
									<b>Labourer</b>



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No	Task	L1	L2	L3	Control Measures	L1	L2	L3	Responsible Person		
<b>6</b>	<b>Clean Up</b>	Injury from product whilst spraying (Inhalation, skin irritation, eye irritation)	3	3	2	Training in technique	4	4	3	<b>Supervisor/ Management</b>	
		Injury from product whilst cleaning	3	3	2	Wear appropriate PPE. Eye goggles, dust mask, long sleeves and pants.	4	4	3	<b>Supervisor</b>	
		Trips and Falls whilst packing away tools and hoses.	3	4	2	Wear appropriate PPE. Eye goggles, dust mask, long sleeves and pants.	4	4	3	<b>Labourer</b>	
		Injury while using petrol driven tools (leaf blower)	3	2	2	Use correct lifting techniques and training.	4	3	2	<b>Management / Supervisor</b>	
						Team lift larger hoses					<b>Labourer</b>
						Refer to Safe Work Procedure 105 (Using Hazardous Substances).					<b>Labourer</b>
<b>7</b>	<b>Return to depot</b>	Accident with other road users	4	1	1	Read relevant MSDS				<b>Labourer</b>	
						Wear recommended PPE(gloves, eye goggles, ear protection and dust mask)				<b>Supervisor</b>	
<b>8</b>	<b>Unloading vehicle</b>	Injury by vehicle gate	4	3	2	Ensure driver has appropriate licence and sufficient time is provided to get to job , which included time for breaks if necessary– “ STOP, REVIVE , SURVIVE”	5	3	3	<b>Truck Driver/ Supervisor</b>	
						Operator only allowed in vicinity of truck					
<b>9</b>	Additional Tasks (Supervisor may wish to make amendments before the commencement of work)	Fall from potentially fatal heights. Workers as well as equipment.	2	1	1	Appropriate training to make workers aware of the dangers present.	5	3	3	<b>Supervisor</b>	
						<i>Three points of contacts maintained at all times. Blower and Augers turned off</i>					
						All workers to be correctly harnessed onto allocated and sufficient anchor points. No person permitted within 2.5 metres of drop off where a sufficient safety rail is not present. Anchor points to be identified prior to equipment setup. All equipment to be securely tied off to allocated tie / Anchor points.	2	2	2	<b>Supervisor/ Labourer</b>	



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No	Operation – Other Specific	Description	L	M	H	Control Measures	L	M	H	Responsible Person
10	<b>Operation – Other Specific</b>	Work taking place alongside busy roadway. Potential accident	3	2	2	Traffic Management	4	3	2	<b>Supervisor/ Labourer</b>
		Working in enclosed surroundings / tight conditions	2	1	1	Staff to be briefed on work conditions as well as carrying Confined Space Permit. Toolbox talk to be undertaken prior to works commencing	2	2	2	<b>Management / Supervisor</b>
		Excessive Noise	2	2	1	Provide Hearing protection	4	4	3	<b>Management / All</b>
		Inhalation of hazardous dust and, or, other	2	2	1	Provide appropriate breathing apparatus	4	3	2	<b>Management / All</b>
		Working taking place in an unlit environment	1	2	1	Provide sufficient means for lighting. ie Portable Lamp / Head Lighting	4	4	3	<b>Management / All</b>
		Working in enclosed space under existing ground. Potential collapse.	1	1	1	Ensure stability test has been carried out. Put evacuation / emergency plan in place	4	2	2	<b>Management / All</b>
11	<b>Clearing Blockage / Compacted Loads</b>	Accessing top of, and or, inside of vehicle to loosen load. Fall into Augers or off truck to ground.	1	1	1	Operators correctly harnessed (using B-Safe Vertical ladder system) when accessing top of and inside of vehicle at all times while on site. Access to inside of trailer granted when in depot only with all machinery switched off. Access via rear gate.	5	2	3	<b>Supervisor</b>
		Open rear door to ease compaction and loosen load. Potential for material to spill onto roadway, site floor or similar. Person crushed when accessing trailer body and rear door hydraulics fail.	1	1	1	Machinery to be switched off when opening rear door. Area to have a 10 metre radius exclusion zone. When door opened, hydraulic fail prevention lock to be in place before accessing trailer body. If load is unable to be loosened to appropriate consistency, rear door to be securely shut and vehicle is to return to Hills depot for unloading.	4	2	2	<b>Supervisor</b>

