



Safe Work Method Statement No. 1

Organisation Details			
Organisation Name:	Ben's Tree Service Pty. Ltd.	Contact Name::	Ben Atkinson
ACN/ABN	21 131 346 659	Contact Position:	Director
Address:	13 Mataram St., Winnellie NT 0820	Contract Phone No:	08 8947 1775
Project Details			
Project:	Trim and Remove Trees SWMS #1	Area:	Project Site
Activity:	<i>Prepare work area, cut and remove nominated trees.</i>	This JSEA has been developed in consultation with: Reviewed by: _____ Position: _____ Date: _ / _ /	
Resources / Trades Involved:	Arborists		
Equipment Used:	Chainsaws, Crane, Mulcher, Truck, Stump Grinder, Leader rope sling shot, ropes, chains, and slings		
Maintenance checks:	Visual Check during operations		
Materials Used:	Engine Coolant, Unleaded Petrol, Diesel, Hydraulic Fluid, Grease.		
Occupational Health Safety or Environmental Legislation:	NT Work Health and Safety Act (National Uniform Legislation) Act and Regulations 2011	Codes or Standards applicable to the works:	NT Code of Practice for Induction for Construction Work Managing the Risk of Falls. Safe Access in Tree Trimming and Arboriculture Managing Risks in Forestry Operations Traffic Management in Workplaces Working in the Vicinity of Overhead and Underground Electrical Powerlines Australian Standards for Chainsaw safety : AS 2726.1;AS 2726.2;AS 2727



Level	Description of Consequence or Impact	Consequence	Likelihood / Probability		
			L Likely	M Moderate	U Unlikely
H (1) <i>(High level of harm)</i>	Potential death, permanent disability or major structural failure/damage. Off-site environmental discharge/release not contained and significant long-term environmental harm.	H (1) <i>(High)</i>	1	1	2
M (2) <i>(Medium level of harm)</i>	Potential temporary disability or minor structural failure/damage. On-site environmental discharge/release contained, minor remediation required, short-term environmental harm.	M (2) <i>(Medium)</i>	1	2	3
L (3) <i>(Low level of harm)</i>	Incident that has the potential to cause persons to require first aid. On-site environmental discharge/release immediately contained minor level clean up with no short-term environmental harm.	L (3) <i>(Low)</i>	2	3	3
Level	Likelihood / Probability				
Likely	The event is likely to occur in most circumstances (has occurred at regular intervals in the past) once per day or once per week				
Moderate	The event might occur (has happened occasionally in the past) once per fortnight to once per month				
Unlikely	The event could occur (has rarely happened in the past) once per month to once per year				

RISK MANAGEMENT CONTEXT		
1	HIGH	The activity MUST NOT proceed. Alternate work methods must be identified
2	MEDIUM	The activity MUST NOT proceed until further risk control is identified. Monitor and supervise to ensure strict compliance with procedures and controls in place
3	LOW	The activity may proceed with normal supervision after implementing the control measures



Item	Job steps	Hazards	Current Risk Class	Control Measures- Actions to be taken Hierarchy of Controls: Elimination/Design modification, Substitution, Isolation, Engineering, Administrative, Personal Protective Equipment	New Risk Class	Name of persons responsible for work
1	<p>Setup job site:</p> <ul style="list-style-type: none"> • Assess area for hazards. • Caution off area • Remove obstructions • 'Start up' checks on machinery • Conduct work team pre-start meeting • Check safety gear/equipment • Staff to sign off on procedure 	<ul style="list-style-type: none"> • Manual Handling • People in area • Other work in area • Slips/trips/falls • Minor Cuts and abrasions 	Medium	<ul style="list-style-type: none"> • Barricade work area • Trained and inducted staff • Pre-start meeting • Checklists • Personal Protective Equipment • SWMS sign on • Qualified First Aiders 	Low	<p>Site Supervisor Arborists: Tree Fellers</p>



2	<p>Trim and Cut Trees Using Lifeline High Risk Work Activity</p> <ul style="list-style-type: none"> • Place lifeline on secure branch and attach to harness (both lifeline and pole strap) • Position climber in tree and set up lowering ropes (if required or bull ropes) • Ensure people and other obstructions are not under or in cordoned off area • Climber secures branch to be cut with lowering ropes/bull ropes • Branch is cut safely and lowered with ropes into drop zone • Ground crew remove branch from drop zone • Bull ropes are hoisted by climber for new cut 	<ul style="list-style-type: none"> • Falling from Height • Crushed by Branch • Cut by Chain Saw • Manual Handling • Eye injuries from branches • Objects falling • Equipment Failure • Overhead power lines • Noise • Slips Trips and Falls (Ground Crew) 	High	<ul style="list-style-type: none"> • Training and Competencies • Barricaded work area • Power lines are isolated • Radio communications • Pre-start talks • Safety cut off switches on chain saws • Equipment manuals • Equipment checklists and checking protocol • Personal Protective Equipment including: <ul style="list-style-type: none"> • Safety Harness • Safety Glasses and face shield • Safety helmets • Safety boots • High viz long sleeved shirts and trousers • Ear protection • Safety chaps on legs • Gloves • Aerial rescue plan and trained rescuers • Qualified First Aiders 	Med	<p>Site Supervisor Arborists: Tree Climbers</p>
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<h1>3</h1>	<p>Trim and Cut Trees Using Crane High Risk Work Activity</p> <ul style="list-style-type: none"> • Position crane in secure area • Ensure crane operator(s) have set crane up properly and securely without rigger post in place • Ensure crane operator complies with his safety procedures and SWMS • Crane positions climber in tree • Climber attaches chains to branch to be cut • Crane lowers climber to enable safe access to cut down branch • Climber secures safely to tree (see using lifeline) whilst branch is lowered • Branch is lowered, ground-crew remove branch • Crane is lifted back to position to collect climber • Crane positions itself and climber for new cut. 	<ul style="list-style-type: none"> • Falling from Height • Crushed by Branch • Cut by Chain Saw • Manual Handling • Eye injuries from branches • Objects falling • Crane movement • Equipment Failure • Overhead power lines • Noise • Slips Trips and Falls (Ground Crew) 	<p>L2</p>	<ul style="list-style-type: none"> • Training and Competencies • Barricaded work area • Power lines are isolated • Checking of crane • Positioning of Crane • Communication with crane driver • Equipment checks for chains • Radio communications with climbers • Pre-start talks • Safety cut-off switches on chain saws • Equipment manuals • Equipment checklists and checking protocol • Personal Protective Equipment including: <ul style="list-style-type: none"> • Safety Harness • Safety Glasses and face shield • Safety helmets • High viz long sleeved shirts and trousers • Safety chaps on legs • Gloves • Aerial rescue plan and trained rescuers • Qualified first aiders 	<p>U2</p>	<p>Site Supervisor Arborists: Tree Fellers</p>
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4	<p>Trim and Cut Trees Using Cherry Picker</p> <p>High Risk Work Activity</p> <ul style="list-style-type: none"> • Position and set up cherry picker as per start up procedure • Climber positions himself in bucket and attaches harness • Climber manoeuvres himself into a safe working position to remove selected branch(s) • Branch(s) are secured by bull ropes or lowering ropes • Prior to cut ensure drop zone is clear • Selected branch is cut and lowered in a safe manner • Ground crew remove branch • Bull ropes are lifted by climber for new branch 	<ul style="list-style-type: none"> • Falling from Height • Crushed by Branch • Cut by Chain Saw • Manual Handling • Eye injuries from branches • Objects falling • Cherry Picker Failure • Equipment Failure • Overhead power lines • Noise • Slips Trips and Falls (Ground Crew) 	L2	<ul style="list-style-type: none"> • Training and Competencies • Barricaded work area • Power lines are isolated • Checking of Cherry Picker • Positioning of Cherry Picker • Communication with climber • Equipment checks for ropes and harness • Pre-start talks • Safety cut-off switches on chain saws • Equipment manuals • Equipment checklists and checking protocol • Personal Protective Equipment including: <ul style="list-style-type: none"> • Safety Harness • Safety Glasses and face shield • Safety helmets • High viz long sleeved shirts and trousers • Safety chaps on legs • Gloves • Aerial rescue plan and trained rescuers • Qualified First Aiders 	U2	<p>Site Supervisor Arborists: Tree Fellers</p>
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Amendments or Additions					
Item	Job steps	Hazards	Risk Class/ Ranking	Control Measures- Actions to be taken Hierarchy of Controls: Elimination/Design modification, Substitution, Isolation, Engineering, Administrative, Personal Protective Equipment	Name of persons responsible for work
Qualifications and experience required to complete the task		Personnel, Duties and Responsibilities (Supervisory staff and others)		Training Required to Complete Work	
Working at heights tickets (High Risk work Licence)		Supervisor, tree climbers		Nil	
Truck Driver		Drive in a safe manner		Nil	
Aerial Rescue Competency		Supervisor and others		Nil	
Elevated Working Platform Ticket (Cherry Picker)		EWP operator		Nil	
First Aid		Supervisor and others		Nil	
Construction Industry Induction (White Card)		All		Nil	
Engineering Details / Certificates / NT WorkSafe approvals:					



This JSEA has been developed through consultation with our employees and has been read, understood and signed by all employees undertaking these works:

Name: Please Print	Signature:	Date:
Ben Atkinson		
Mark Mckenzie		
Darryl Parrott		
Daniel Goldini		
Crane Driver AM Cranes and Rigging		

Review No	01	02	03	04	05	06	07	08	09
Initial:									
Date:									