



Risk Assessment

1.0 Risk Assessment Details

1.1 Risk Assessment Number	0000000014
1.2 Risk Assessment Date	29/04/2022
1.3 Risk Assessment Author	Joshua Mercer
1.4 Project/Contract	535 Barlow moor rd
1.5 Start Date	
1.6 Expected job duration	
1.7 Client contact	Prime properties
1.8 Description	Tree Felling including Rope Access
1.9 Site Address	535 Barlow moor road, Chorlton M21 8AZ

2.0 Signatures

	Name	Title	Signature	Date
Document Author	Joshua Mercer	Owner		29/04/2022

Data Protection Statement

The information and data provided in this Risk Assessment applies only to the task, project or contract for which it was written. It shall not be duplicated, disclosed or disseminated by the recipient to any third party other than for the purpose of managing and controlling health and safety in relation to this task, project or contract.

It is the duty of all employees, contractors and agents to observe the provisions of this Risk Assessment, which has been produced in order to provide a code of good practice and conduct with the object of preventing accidents. At all times employees, contractor and agents must work in a safe manner both to prevent personal injury to themselves or to other personnel.

This Risk Assessment may contain personal data relating to one or more persons. Such data must not be disclosed to any third party or used for any purpose other than compliance with this Risk Assessment except with the written consent of the Company or the individual concerned.

3.0 Individuals or Groups Affected By This Assessment

Groups Affected

client visitors

JC Tree Services Employees

Members of the public

Main Contractor

4.0 Hazards and Control Procedures :

Pre-Control			Hazard: Slips Trips and Falls			Residual Risk		
P	S	RR	Bruising, Cuts, Broken Limbs - Caused by items left on the floor, water, oil and other slippery surface or poor footwear			P	S	RR
4	3	12	Control Procedures			2	3	6
			Staff must wear suitable footwear with non slip soles.					
			All staff will keep the working area tidy and remove trip hazards as and when they occur.					
			In public areas, the work area will be closed off by suitable barrier and notices posted advising of Works in Progress, Keep Clear.					
			Ensure walkways and Emergency Escape routes are kept clear of obstruction at all times.					

Pre-Control			Hazard: Manual Handling	Residual Risk		
P	S	RR	Muscular skeletal disorders - Twisting, Over-reaching, muscular problems, poor techniques load too heavy	P	S	RR
4	3	12	Control Procedures	2	3	6
			Team lifting to be used when loads are heavy or awkward.			
			Staff will not lift beyond their capabilities, and will seek help for any load they consider too heavy or hazardous to lift.			
			All site staff have received instruction and training in house for manual handling.			
			Ensure local staff are aware of activities in advance to prevent accident.			

Pre-Control			Hazard: Site Waste Management/Cleanliness	Residual Risk		
P	S	RR		P	S	RR
4	3	12	Control Procedures	2	3	6
			The chippings will be either removed from site by the operative or used across the site as a weed suppressant dependant on the clients requirements.			
			Tree sections will be cut up into manageable lengths and removed from site.			

Pre-Control			Hazard: Working on external sites	Residual Risk		
P	S	RR	Death or Serious injury	P	S	RR
4	3	12	Control Procedures	2	3	6
			The site will be made safe at the end of each shift.			
			Staff will follow the method statement devised for this task.			
			Anyone who may be affected by the works are to be informed of site work, especially client staff and members of the public in the area.			
			Staff will place barriers around the work area to prevent access by unauthorised personnel.			

Pre-Control			Hazard: Impact/Crushing	Residual Risk		
P	S	RR	Bruising, Cuts, Crushing, Broken Limbs, Amputation, Death.	P	S	RR
4	5	20	Control Procedures	1	5	5
			Ensure that work area is clear and that access and egress allow room to avoid trapping situations.			
			Materials must be lowered to the ground, do not throw any cut material or equipment from the tree canopy.			

Pre-Control			Hazard: Ladders	Residual Risk		
P	S	RR	Death, serious injury, minor injury	P	S	RR
4	5	20	Control Procedures	1	5	5
			Where a ladder cannot be tied or secured in any other way, it will be securely footed by another operative.			
			If a ladder is being used to access a working platform the ladder shall extend 1.05m above the platform level.			
			Before use all ladders will be visually inspected for damage, including all rungs, catches and safety devices.			
			The ladder will be positioned correctly when in use to prevent the need to stretch out from the ladder to carry out the work.			
			Only Class 1 Industrial or EN131 Professional Ladders will be used.			

Pre-Control				Hazard: Rope Access				Residual Risk			
P	S	RR		Death, serious injury				P	S	RR	
4	5	20		Control Procedures				1	5	5	
				Erect signs and or warning tape to prevent people from entering the Hazard Zone.							
				The Safe Zone must be designated well beyond the potential Hazard Zone.							
				Designate an equipment manager for the purpose of overseeing the care, storage, documentation, maintenance and replacement of equipment.							
				Inspect all components of the rope systems. Check for any abrasions, wear points, damaged threads, or swags in the sling material and remove from service and destroy.							
				When using work-positioning techniques, do not climb more than 250mm above your anchor point. Keep climbing rope taut, any slack must not exceed 500mm, to prevent injury from a free fall and the associated arrest forces.							
				Climbers must be experienced, trained and competent to carry out tree surgery work.							
				Anchor points in trees for rope access and work positioning and rigging systems are part of lifting equipment. Arborists using rope access or work positioning should be trained to select suitable anchor points and to recognise the differences between tree species and the effect of age, condition of the tree and disease.							
				Works will only be carried out in dry, calm weather conditions.							

Pre-Control				Hazard: Rope Access Equipment				Residual Risk			
P	S	RR		Serious injury, Death				P	S	RR	
4	5	20		Control Procedures				1	5	5	
				All components must be regularly inspected by a competent person.							
				Rope access equipment must be inspected on a regular basis, all equipment inspections must be recorded in the equipment log. Each piece of equipment must be individually identified. Only those who have received appropriate training and have the necessary competence are to carry out these inspections.							

Pre-Control				Hazard: Rigging and Slings				Residual Risk			
P	S	RR		Bruising, Cuts, Broken Limbs, Death.				P	S	RR	
4	5	20		Control Procedures				1	5	5	
				Only qualified (competent) persons to carry out these operations.							
				All staff who carry out slinging operations are trained and competent.							
				Staff will ensure all lifting and slinging equipment is fit for purpose and strong enough to carry out the lift safely.							

Pre-Control				Hazard: Driving Company Vehicles				Residual Risk			
P	S	RR		RTA, injury, injury to others				P	S	RR	
4	5	20		Control Procedures				1	5	5	
				The Company will hold a copy of each drivers license on file renewed annually.							
				Drivers are not allowed to work whilst under the influence of alcohol or drugs and face severe disciplinary measures for breaches.							
				Staff will adhere to speed limits at all times.							
				All vehicles used for company business are maintained and serviced on a regular basis.							
				Drivers will carry out vehicle checks prior to starting work including tyres pressures and damage, oil and water levels, headlights side lights and indicators, windscreen washers etc.							

Pre-Control				Hazard: Falls From Height				Residual Risk			
P	S	RR		Death, Serious injury				P	S	RR	
4	5	20		Control Procedures				1	5	5	
				All staff must wear a work-positioning sit harness for tree climbing which must have a pelvic attachment point and leg straps.							
				Climbers must be experienced, trained and competent to carry out tree surgery work.							

Doc #: 0000000014 || Site: 535 Barlow moor road,

Pre-Control			Hazard: Falling Trees	Residual Risk		
P	S	RR	Death serious injury	P	S	RR
4	5	20	Control Procedures	1	5	5
			Plan escape routes in advance they must be clear of obstructions. If control is lost over the fell, use escape route. All staff must have adequate training and information on use of escape routes.			
			Emergency contingency plans (first aid, emergency numbers, Accident and Emergency number, site location, etc.) must be made in advance. See method statement for further details.			

Pre-Control			Hazard: Working with Chainsaws	Residual Risk		
P	S	RR	Serious injury	P	S	RR
4	5	20	Control Procedures	1	5	5
			Wear the appropriate PPE during chainsaw operation.			
			Auto-filler spout to be fitted to outlet of petrol container to reduce risk of spillage from over filling.			
			Pre use checks to be made prior to first use on each occasion.			
			On all reasonably foreseeable approaches to the worksite, erect warning and prohibition signs and restrict access to essential personnel only.			
			Agree a safe method of operation for the work to be done to ensure that a safe working distance (at least 5 m) can be maintained between workers, and between workers and machinery (outside the risk zone of the machines being used).			
			Ensure that warning signs are posted on all approaches to the work area.			

Pre-Control			Hazard: Flying projectiles from work equipment	Residual Risk		
P	S	RR	Eye injuries/ Increased accident rate	P	S	RR
4	4	16	Control Procedures	1	4	4
			Appropriate PPE issued and used by relevant members of staff.			
			Barriers must be put in place to keep others in the area away from the operation.			

Pre-Control			Hazard: Fire on Site	Residual Risk		
P	S	RR	Accidental fires may cause Burns, Asphyxiation, Blast injuries, Respiratory damage may be caused through toxic smoke.	P	S	RR
4	4	16	Control Procedures	1	4	4
			Ensure all staff are aware of site fire plan.			
			During induction the supervisor should make all staff aware of site specific fire procedures.			
			Ensure all staff are aware of Emergency Assembly Point location.			
			No Smoking Allowed other than in designated areas.			
			Waste will not be burnt on site.			

Pre-Control			Hazard: Refuelling	Residual Risk		
P	S	RR	Fire Explosion	P	S	RR
4	4	16	Control Procedures	1	4	4
			Ensure when refuelling vehicles or plant that the machine engine is not running.			
			Ensure all fuel tanks and containers are stored correctly, inspected regularly and checked for defects.			
			Where possible refueling should be done on hard and impermeable surfaces.			

Pre-Control			Hazard: Inclement Weather	Residual Risk		
P	S	RR	Illness, increased risk of slips, trips or falls, especially when working at height.	P	S	RR
4	2	8	Control Procedures	2	2	4
			The Team Leader will be responsible for suspending work if weather conditions make the task unsafe.			
			External works will not be carried out in adverse wet, icy or windy conditions.			

Pre-Control			Hazard: Guano (Bird Droppings)	Residual Risk		
P	S	RR	Illness	P	S	RR
4	4	16	Control Procedures	1	4	4
			Good hygiene must be followed, wash hands before eating, drinking, smoking or using the toilet.			

Pre-Control			Hazard: Toilet and hand washing facilities	Residual Risk		
P	S	RR	Minor Injury	P	S	RR
4	3	12	Control Procedures	1	3	3
			Contractors will be allowed access to site facilities providing they are left clean and tidy.			

Probability (P)	Severity (S)	Risk Ranking (RR = P * S)
1 Highly Unlikely	1 Trivial	< 1 - No Action Required
2 Unlikely	2 Minor injury	> 2 - Low Priority
3 Possible	3 Over 3 Day injury	> 8 - Medium Priority
4 Probable	4 Major injury or condition	>10 - High Priority
5 Certain	5 Incapacity or Death	>15 - Urgent Action Required

5.0 Required PPE

		
Standard Hard Hat	Ear Protection	Gloves
		
Safety Harness	Mobile / Radio	First Aid Kit
		
Safety footwear	chainsaw protection pants	helmet with ear and face protection

I have read and understood the contents of this Risk Assessment.

Anything I did not understand has been explained to me to my satisfaction.

I agree to follow the Risk Assessment and understand that any control procedures are provided for my safety and the safety of others.

Print Name

Signed

Date[illegible]