

Tree Surgeon Assistant (3151)

Task List

1. Loads and unloads equipment, tools, supplies (e.g., fuel, safety cones), and debris from work truck in order to complete tree trimming assignments.
2. Handles and guides lines and rigging to transport tools and to lower limbs by assembling and disassembling pulleys, block and tackle, and slings manually to control the lowering or lifting of limbs.
3. Digs around, cuts, and removes tree roots using picks, shovels, bars, axes, and saws, in order to remove trees or root prune for construction projects.
4. Feeds brush limbs, and logs manually into brush chipper by adhering to safety procedures in order to properly dispose of debris.
5. Cleans work site by using rakes, brooms, blowers, and shovels to properly dispose of debris.
6. Cuts, stacks, and loads tree logs by using a cant hook, pike pole, or manually by using a rigging device, wheelbarrow or hand truck to clear work site.
7. Climbs up trees using ladders, tree climbers, safety belts, and saddles by adhering to safety rules (such as International Society of Arboriculture, American National Safety Institute 300 tree trimming and safety standards) in order to trim trees and perform various tree work activities.
8. Cuts and trims small trees (trees too small to climb) on the ground by using hand and power tools (pruner, hand saw, pole saw, or chain saw) to correctively prune and train trees for proper growth.
9. Operates various vehicles, such as utility vehicles, trucks, aerial lift trucks, or dump trucks to transport people, equipment, tools, debris, or supplies.
10. Cleans, oils, and sharpens hand tools and equipment such as hand saws, pole saws, pole pruners, chain saws, and ropes and rigging equipment in order to keep them in a safe and good working condition.
11. Applies safety and first-aid practices (such as CPR, burns, cuts, sprains, or stings) to self, co-workers, and supervisors in order to attend to minor injuries.
12. Ties knots on a rope such as a taut line hitch, blake hitch, bowline, running bowline, clove hitch, half hitch, timber hitch, or square knot in order to perform various tree work activities such as lowering or lifting branches, limbs, or tools.
13. Places traffic and warning devices such as cones, signs, barricades, and flashing lights in adherence to Department of Transportation safety regulations and rules in order to inform the public of work being performed or diverting traffic (pedestrians and vehicular) away from the work site.

14. Communicates orally with property owners, residents, and the public in order to notify them of when tree work will be performed and to ensure entry to property when necessary.
15. Lifts and carries equipment, tools, supplies, debris, or logs up to 70 pounds on various terrains, including flat or uneven surfaces.
16. Conducts visual and manual pre-trip and post-trip vehicle inspection (such as checking fluids and lights, performing brake and tire inspection, aerial lift inspection) before and after using vehicle in accordance with Department of Transportation rules.
17. Cuts, clears, and trims branches from large trees by using climbing equipment or aerial lift and using chain saws, hooks, hand saws, or pole pruners to ensure proper power line clearance (under close supervision of a qualified line clearance tree trimmer) or for public safety purposes.
18. Digs holes, stakes, cables, and braces to provide support for proper growth of newly planted trees.