

**GROUNDS/MOVERS
ARBORIST//ARBORIST HELPER
Ref. Code: G-A-5**

PLANTING TREES AND SHRUBS		
Activity	Hazard Identification	Required Precautions
1. Driving to and from work site.	1. Motor vehicle accident; striking pedestrians, bicyclists, or persons using rollerblades.	1. Wear prescription lenses, if required, and seatbelt. Verify that all equipment on vehicle is secured properly. Stay alert for pedestrians, bicyclists, and persons using rollerblades.
2. Digging.	2. Hitting electric lines, water line, computer lines, etc.	2. Have electric shop or Miss Utility stake out area before beginning digging.
3. Digging holes using digging bar, pick, and shovel.	3a. Hitting foot.	3a. Be aware of where you are hitting. Keep you legs spread. Wear good boots.
	3b. Back strain; shoulder ache.	3b. Do not overexert yourself.
	3c. Blisters on hands.	3c. Wear gloves.
	3d. Heat exhaustion in extremely hot weather.	3d. Take breaks as needed. Drink plenty of fluids.
4. Using backhoe.	4a. Striking pedestrians, coworkers, or vehicles.	4a. Barricade work area with cones and tape. Stay alert for pedestrians, coworkers, and vehicles.
	4b. Person falling in large holes.	4b. Fence off holes if you must leave work area.
5. Preparing work area using small gas-powered rototiller.	5a. Splashed by gasoline when filling rototiller; gas in eyes.	5a. Wear gloves and eye protection. Pour slowly to avoid splashing.
	5b. Struck by rocks or other debris.	5b. Wear eye protection. Verify that shield on rototiller is in place. Survey area for hazards before beginning work.
	5c. Struck by handles of rototiller.	5c. Rototiller will jerk up if it hits a tree root or large rock. Stay alert and work carefully. If you hit an obstacle, let go of the rototiller handles. Take rototiller out of gear to turn it off.

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	5d. Running over foot with rototiller.	5d. Wear steel-toed safety shoes. Keep feet clear of blades.
6. Preparing work area using pull-behind rototiller attached to tractor.	6a. Back strain and/or overexertion when hooking rototiller up to tractor.	6a. Two people are required to hook up the rototiller to the tractor.
	6b. Caretakers working on the ground being struck by rocks or other debris.	6b. Verify that rototiller shields are in place. Tractor driver must know where ground crew is at all times. Members of ground crew must keep a safe distance from tractor/rototiller.
	6c. Hit by low branches.	6c. Stay alert for low branches and limbs.
	6d. Loss of hearing.	6d. Wear ear protection.
	6e. Motor vehicle accident when driving heavy equipment on roadways.	6e. Wear prescription lenses if required. Verify that all equipment on vehicle is secured properly and that rototiller is securely attached to tractor. Stay alert for pedestrians and bicyclists.
7. Lifting heavy weight.	7. Back strain; overexertion.	7. Know your weight lifting capacity and get help if needed. Lift using leg muscles. Keep back straight.
8. Putting trees and shrubs in hole.	8a. Back strain; overexertion; dropping ball of tree or shrub on foot.	8a. Work as a team to install trees and large shrubs. Make sure you work together when lowering tree or shrub to avoid dropping it on someone's foot. Keep feet out of the way when dropping tree or shrub into hole.
	8b. Stuck with thorns or sharp leaves.	8b. Wear gloves.
	8c. Poked in eye with branches.	8c. Wear safety glasses.