

NO RTEC JOB SPECIFIC SKILLS COMPETENCY

HORTICULTURAL WORKER II

DOT: 405.687-014

Job Description: Performs variety of duties concerned with preparing soil and growth media, cultivating, or otherwise participating in horticultural activities under close supervision on acreage, in a nursery, or in environmentally controlled structures, such as a greenhouse or shed.

CORE SKILL COMPETENCIES/INDICATORS:

1. Can identify various plants by species and variety. (IN, S)
2. Can identify the appropriate environment for various plants. (IN, S)
3. Can demonstrate ability to determine appropriate amount of fertilizer to be used and properly mix for plant food. (IN, S)
4. Can demonstrate proper techniques used to condition and prepare soil for planting seeds, bulbs, flowers, shrubs, trees, etc. in a greenhouse/outdoors by grading and fertilizing soil. (R, S, T)
5. Can demonstrate proper techniques used to plant and cultivate shrubs and plants in containers. (R, S, T)
6. Can demonstrate proper technique used to dig up shrubs and trees, and wrap their roots with burlap. (R, S, T)
7. Can demonstrate proper technique used to prune shrubs and trees to shape and improve growth and remove dead leaves/branches. (R, S, T)
8. Can demonstrate proper techniques used to sow grass seed, plant plugs of sod, and cut, roll and stack sod. (R, S, T)
9. Can demonstrate proper technique used to disinfect rose cuttings prior to storage. (R, S, T)
10. Can demonstrate proper technique used to graft, pollinate, pinch, and transplant horticultural plants. (R, S, T)
11. Can demonstrate proper techniques used to dig, rake and screen soil to fill in and prepare areas for planting. (R, S, T)
12. Can demonstrate proper techniques used to spread topsoil, fertilizer, peat moss and other material to condition land. (R, S, T)
13. Can demonstrate ability to spray, weed, and water flowers, shrubs, trees and other plants appropriately. (R, T)
14. Can demonstrate proper techniques used to tie, bunch, wrap and pack flowers, plants, shrubs and trees to fill orders. (R, S, T)
15. Can demonstrate proper technique for assembling boxes used for packing horticultural products. (R, T)
16. Can demonstrate ability to move heavy objects safely, using wheelbarrow, sleds and other tools. (R, T)
17. Can rake and bag or burn leaves, clippings, etc. in a safe manner. (R, T)
18. Can demonstrate proper techniques used to trap and poison pests, such as moles, gophers, and mice. (R, T)
19. Can demonstrate ability to properly utilize gardening hand tools and equipment, such as mowers, clippers, pruners, shears, spiked sticks, brooms, shovels, rakes, lawn rollers, sharpeners, etc. (R, T)
20. Can demonstrate ability to maintain work area in a clean and safe environment. (S, T)
21. Can demonstrate ability to assist customer in selecting plants, shrubs, trees, maintaining a courteous relationship at all times. (IN, I)
22. Can demonstrate understanding of industry-specific safety standards. (S)