

NO RTEC JOB SPECIFIC SKILLS COMPETENCY

CONSTRUCTION WORKER I

DOT: 869.664-014 SVP 4

Job Description: Assists skilled construction workers such as carpenters, electricians, painters, plumbers, plasterers, roofers, cement masons, bricklayers, sheet metal workers, etc. on construction projects, transferring from one task to another as needed.

Physical Demands - Very Active, w/heavy lifting, carrying, or moving (up to 100 lbs.); **General Educational Development** - R3 M3 L3; **Aptitudes**- Average general learning ability, Spatial, Form Perception, Motor Coordination, Finger dexterity, and Manual Dexterity.

CORE SKILL COMPETENCIES / INDICATORS:

1. Can demonstrate a basic understanding of all phases of construction, and construction terminology. (R, IN, S, T)
2. Can demonstrate ability to read, interpret, and follow work plans. (IN, S)
3. Can demonstrate ability to properly identify, select, and operate industry-specific hand tools, and power tools. (R, S, T)
4. Can demonstrate the correct use of measurement instruments, including measuring tapes, levels, and squares. (R, IN, S, T)
5. Can demonstrate ability to distinguish different types of nails, screws, staples, anchors, and adhesives and their uses. (R, S, T)
6. Can demonstrate proper care and handling of lumber on job sites. (R, S, T)
7. Can demonstrate proper technique used to saw lumber. (R, S, T)
8. Can demonstrate proper technique used to erect scaffolding, shoring, and braces. (R, S, T)
9. Can demonstrate proper technique used to demolish buildings. (R, S, T)
10. Can demonstrate proper technique used to dismantle forms. (R, S, T)
11. Can demonstrate ability to appropriately measure distance from grade stakes, drive stakes into ground, and stretch a tight line. (R, IN, S, T)
12. Can demonstrate proper technique used to align bolts, nails and blocks under forms. (R, S, T)
13. Can demonstrate ability to appropriately signal operators of construction equipment to facilitate alignment, movement, and adjustment of machinery to conform to grade specifications. (R, I, S, T)
14. Can demonstrate ability to level earth to fine grade specifications, using pick and shovel. (R, S, T)
15. Can demonstrate ability to mix concrete by using portable mixer. (R, S, T)
16. Can demonstrate proper technique used to remove projections from concrete. (R, S, T)
17. Can demonstrate ability to smooth and finish freshly poured cement or concrete, using float, towel or screed. (R, S, T)
18. Can demonstrate proper techniques used to position, join, align, and seal pipe sections. (R, S, T)
19. Can demonstrate proper technique to mount pipe hangers. (R, S, T)
20. Can demonstrate proper techniques used to mop, brush, or spread paints or bituminous compounds over surfaces for protection. (R, S, T)
21. Can demonstrate ability to appropriately apply caulking compounds by hand or with caulking gun to seal crevices. (R, S, T)
22. Can demonstrate proper techniques used to grind, sand, or polish surfaces, such as concrete, marble, terrazzo, or wood flooring, using abrasive tools or machines. (R, S, T)
23. Can demonstrate proper techniques used to cut and attach insulating materials. (R, S, T)
24. Can demonstrate ability to appropriately spray materials such a water, sand, steam, vinyl, paint, or stucco through hose to clean, coat, or seal surfaces. (R, S, T)

25. **Can demonstrate ability to maintain equipment and tools in safe working condition. (R, S, T)**
26. **Can demonstrate ability to maintain work area in clean, safe order. (R, S)**
27. **Can demonstrate understanding of industry-specific safety and OSHA regulations. (IN, S)**
28. **Can demonstrate ability to work under stress to meet schedule deadlines. (R, I)**
29. **Can demonstrate good communication skills. (I)**