

# NoRTECJSS COMPS\Draft Approved\BuildingMaint-Repairer

## NoRTEC JOB SPECIFIC SKILLS COMPETENCY

### MAINTENANCE REPAIRER, BUILDING

DOT CODE: 899.381.010 SVP 7

**Job Description:** Repairs and maintains physical structures of commercial and industrial establishments, such as factories, office buildings, and apartment houses. *Physical Demands* - Medium carrying, lifting and moving (up to 50 lbs); *General Educational Development* - R4 M3 L3; *Aptitudes* - Above average Spatial, Form Perception, and Manual Dexterity - Average General Learning Ability, Verbal, Numerical, Motor Coordination and Finger Dexterity.

### CORE SKILL COMPETENCIES/INDICATORS:

1. Can demonstrate familiarity with hand and power tools, and their use. (R, T)
2. Can demonstrate the ability to accurately determine type and quantity of materials needed for the job by taking surface measurements or by looking at job specifications or drawings. (R, IN, T)
3. Can demonstrate the ability to erect scaffolding, cradles and ladders, and place dropsheets to protect areas from paint spattering. (R, T)
4. Can demonstrate the ability to remove old paint or paper by sanding or scraping or by using blowtorches or liquid paint removers, and remove old paper by use of steam strippers. (R, T)
5. Can demonstrate the ability to prepare surfaces by fixing woodwork, filling or sealing holes, cracks and joints, and washing them down to remove dust and grease. (R, T)
6. Can demonstrate the ability to select and prepare paints to match colors by the addition of tinters. (R, T)
7. Can demonstrate the ability to brush, roll or spray the paints, stains, varnishes and other finishes. (R, T)
8. Can demonstrate the ability to spray paint surfaces using a spray gun or a range of specialized equipment. (R, T)
9. Can demonstrate the ability to wash equipment and clean work areas. (R, T)
10. Can demonstrate the ability to assemble cut and shaped materials and fasten them together with nails, dowel pins, or glue. (R, T)
11. Can demonstrate the ability to prepare and/or study drawings and specifications to work out the layout of plumbing systems and materials needed. (R, IN, T)
12. Can demonstrate the ability to find and mark position for connections, cut holes through walls and floors to accommodate pipes, measure pipes and mark cuttings or bending lines. (R, T)
13. Can demonstrate the ability to cut, thread and bend pipes, assemble and install piping, valves and fittings, join pipe sections and secure pipes. (R, T)
14. Can demonstrate the ability to install plumbing fixtures such as toilets, wash basins and industrial processing units. (R, T)
15. Can demonstrate the ability to maintain and repair plumbing systems. (R, T)
16. Can demonstrate the ability to mix and apply coats of plaster, cement or similar materials to walls and ceilings, levelling and smoothing using trowels to obtain an even thickness. (R, T)
17. Can demonstrate the ability to apply finishing coats of plaster to give a smooth finish or decorative texture. (R, T)
18. Can demonstrate the ability to drill holes, install mounting brackets and cut, bend and thread piping. (R, T)
19. Can demonstrate the ability to install parts such as compressors, motors, condensers, evaporators, switches and gauges, air filters, and copper lines for steam, gas, refrigerant, compressed air, fuel, oil and chilled water. (R, IN, T)
20. Can demonstrate the ability to properly attach piping to refrigeration systems using sleeves, couplings or unions, and solder joints to form a complete system. (R, T)
21. Can demonstrate the ability to test system units and make adjustments as needed. (R, S, T)

22. **Can demonstrate the ability to service faulty industrial and household refrigerators and air-conditioning units by repairing or replacing faulty parts. (R, T)**
23. **Can demonstrate the ability to replace defective electrical switches and other fixtures. (R, T)**
24. **Can demonstrate the ability to repair structural woodwork with carpenter's tools. (R, T)**
25. **Can demonstrate the ability to build sheds and other similar outbuildings. (R, T)**
26. **Can demonstrate the ability to operate vacuum cleaners to remove dirt and debris from floors and work areas. (R, T)**
27. **Can demonstrate the ability to strip wax and polish from floors. (R, T)**
28. **Can demonstrate knowledge of simple maintenance practices to prevent pest entry to buildings, such as bird-proofing roofs, and filling cracks and crevices. (R, T)**
29. **Can demonstrate the ability to accurately apply pesticides and/or dust infested areas with appropriate powder or lay baits. (R, T)**
30. **Can demonstrate an understanding of occupational health and safety standards and procedures. (R, IN, S, T)**
31. **Can demonstrate the ability to perform a variety of duties, changing from one task to another of a different nature without loss of efficiency or composure. (R, I, S)**