

## NORTEC JOB SPECIFIC SKILLS COMPETENCY

### GLAZIER

DOT CODE: 865.381-010 SVP 7

**Job Description:** Installs glass in windows, skylights, store fronts, and display cases, or on surfaces, such as building fronts, interior walls, ceilings, and tabletops. ***Physical Demands:*** Mildly active w/medium lifting, carrying or moving (up to 50 lbs); ***General Education Development:*** R3, M2, L2; ***Aptitudes:*** Average General Learning Ability, Spatial, Form Perception, Motor Coordination, Finger Dexterity, and Manual Dexterity.

### CORE SKILL COMPETENCIES/INDICATORS:

1. Can demonstrate ability to work with precision as regards the attainment of set limits, tolerances, or standards. (R, IN, S, T)
2. Can demonstrate ability to prepare exact numerical records and calculations. (IN, S)
3. Can demonstrate ability to read and interpret blueprints, work orders, and/or layout specifications. (IN, S)
4. Can demonstrate ability to identify and erect staging or scaffolding necessary to complete a job. (R, S, T)
5. Can demonstrate ability to use cranes or hoists with suction cups to lift large, heavy pieces of glass. (R, S, T)
6. Can demonstrate ability to identify and appropriately utilize industry specific tools and equipment, such as glass cutters, suction cups, glazing knives, saws, drills, cutters, and grinders. (R, S, T)
7. Can demonstrate proper technique involved in building metal sash and moldings, using aluminum or steel framing. (R, S, T)
8. Can demonstrate proper technique used to measure and cut glass to specified sizes and shapes. (R, IN, S, T)
9. Can demonstrate proper technique use to grind and polish glass. (R, S, T)
10. Can demonstrate knowledge of the expansion and contraction rate of various sizes and types of glass. (S, T)
11. Can demonstrate proper techniques used to install metal window and door frames into which glass is to be fitted. (R, S, T)
12. Can demonstrate and apply knowledge of the various methods used to secure glass in place, such as mastic, putty, bolts, rubber gaskets, glazing compound, metal clips, or metal or wood moulding. (R, S, T)
13. Can demonstrate proper techniques used to attach face moldings, weather seals, or hardware to installed glass. (R, S, T)
14. Can demonstrate proper techniques used to treat glass for tinting, glazing, or laminating purposes. (R, S, T)
15. Can demonstrate proper technique used to install mirrors or other colored decorative glass to structural members. (R, S, T)
16. Can demonstrate proper techniques used to install glass or mirrors in automobiles, boats, and/or furniture. (R, S, T)
17. Can demonstrate proper techniques used to fit and install shower or bathtub enclosures. (R, S, T)
18. Can demonstrate proper techniques involved in repairing glass showcases, skylights, storefronts, or windows. (R, S, T)
19. Can demonstrate proper technique used to cut, install, and remove materials used as glass substitutes, such as plastics, granite, and marble. (R, S, T)
20. Can demonstrate ability to efficiently and courteously take customer orders both at the counter and on the phone. (IN, I)

21. **Can demonstrate ability to use computerized cash register to take payment and make change. (R, S, T)**
22. **Can demonstrate an understanding of industry-specific safety standards and emergency procedures. (R, IN, S, T)**
23. **Can demonstrate ability to utilize shop or job-site computers for the purposes of improving layout work and reducing the amount of wasted glass. (R, IN, S, T)**