

## NO RTEC JOB SPECIFIC SKILLS COMPETENCY

### CABLE SPLICER (construction; telephone and telegraph; utilities)

DOT: 829.361-010 SVP 7

**Job Description:** Splices overhead, underground, or submarine multiple-conductor cables used in telephone and telegraph communication and electric-power transmission systems. *Physical Demands-* Active, w/heavy lifting, carrying, or moving (up to 100 lbs); *General Educational Development* - R4 M3 L3; *Aptitudes* - Above average Form Perception and Finger Dexterity — Average Learning Ability, Verbal, Numerical, Spatial, Clerical, Motor Coordination, Manual Dexterity, Eye-Hand-Foot Coordination, and Color Discrimination.

### CORE SKILL COMPETENCIES/INDICATORS:

1. Can demonstrate proper technique used to position splicer cart. (R, S, T)
2. Can demonstrate proper technique used to hang splicer platform in position. (R, S, T)
3. Can demonstrate proper technique used to cut lead sheaths from installed cable to gain access to defective cable connections. (R, S, T)
4. Can demonstrate proper techniques used to cut and peel lead sheaths and insulation from newly installed cables and conductors to prepare for splicing. (R, S, T)
5. Can demonstrate proper technique used to test (trace or phase-out) each conductor to identify corresponding conductors in adjoining cable sections. (R, IN, S, T)
6. Can demonstrate proper techniques used to clean, tin, and splice corresponding conductors.. (R, S, T)
7. Can demonstrate ability to appropriately cover conductors with insulating or fireproofing materials. (R, S, T)
8. Can demonstrate proper technique used to fit lead sleeve around cable joint. (R, S, T)
9. Can demonstrate proper techniques used to wipe molten lead into cable joints to produce moisture proof joint. (R, S, T)
10. Can demonstrate proper techniques used to fill completed sleeve with insulating oil. (R, S, T)
11. Can demonstrate proper technique used to pull cables through ducts and conduits. (R, S, T)
12. Can demonstrate proper techniques used to boil out wet cables and to affix cables to tunnel racks or to poles. (R, S, T)
13. Can demonstrate ability to locate and repair leaks in pressurized cable. (R, S, T)
14. Can demonstrate working knowledge of energized circuits. (IN, S, T)
15. Can demonstrate an understanding of, and can identify wire color codes. (IN, S)
16. Can demonstrate working knowledge of industry-specific tools and equipment. (R, T)
17. Can demonstrate ability to read and interpret electrical diagrams and specifications. (IN, S)
18. Can demonstrate proper and safe use of shovel for digging purposes. (R, S, T)
19. Can demonstrate a working knowledge of pumps and gas meters. (R, IN, S, T)
20. Can demonstrate proper procedure for climbing utility poles or towers, using a truck mounted lift bucket, or descending into sewers and underground vaults. (R, S, T)
21. Can demonstrate ability to safely open manholes. (R, T)
22. Can demonstrate ability to do precise work with tools, instruments, or equipment. (R, T)
23. Can demonstrate knowledge of industry-specific safety standards and emergency procedures. (R, IN, S, T)
24. Can demonstrate ability to appropriately clean and maintain tools and test equipment. (S, T)
25. Can demonstrate ability to work under stress to meet schedule deadlines. (R, I)