▶ TASK Demonstrate knowledge of the causes and effects from shorts, grounds, opens, and resistance problems in electrical/electronic circuits.

Time off_ Time on_

Total time_

CDX Tasksheet Number: C296

- 1. Define "short circuit":
- 2. Define "short to ground":
- 3. Define "short to power":
- 4. Define "open circuit":
- 5. Define "high resistance":
- 6. List at least two examples of short circuits:
- 7. List at least two examples of grounded circuits:

- 8. List at least two examples of open circuits:
- 9. List at least two examples of high resistance in a circuit:
- 10. What are the effects of a short circuit in a load?
- 11. What are the effects on a circuit with an open circuit?
- 12. What are the effects on a circuit with high resistance?
- **13.** Have your supervisor/instructor verify satisfactory completion of your answers in steps 1-12.

