

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

MAST
6A4

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.

Performance Rating

CDX Tasksheet Number: C296

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Supervisor/instructor signature _____ Date _____