

Electrical Fundamentals

Meets ASE Task: (Not specified by ASE)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. State the relationship among volts, amperes, and ohms.

_____ 2. List five sources of electricity.

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____

_____ 3. Describe what occurs to resistance when:

- a. The conductor length is increased _____
- b. The conductor diameter is increased _____
- c. The temperature of the conductor is increased _____

_____ 4. What is the difference between a rheostat and a potentiometer? _____
