

**Training topic: Electrical Safety in Wind Tower Construction and Maintenance**

**Module #1: Pre-training Quiz**

**Electric hazards in wind industry**

Training Date: \_\_\_\_\_ Trainee's company name: \_\_\_\_\_

Trainee's name: \_\_\_\_\_

Trainee's job title: \_\_\_\_\_

Please circle just one choice as your best answer to each question:

**1. Which is the primary contributing factor for occupational fatality when exposed to electricity?**

- a) voltage                      b) current

**2. What is the threshold level of current that can cause heart fibrillation?**

- a) 1 mA                      b) 10 mA                      c) 20 mA                      d) 100 mA

**3. How many types electric arc can be classified into?**

- a) all arcs are the same  
b) 2 types                      c) 3 types                      d) 4 types                      e) 5 types

**4. What is the most common hazardous effect of electric arc for a human body?**

- a) sound wave                      b) thermal energy                      c) bright light                      d) electric shock

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Key:

1 B

2 D

3 E

4 B