

SH-05044-SH8

1. Sign-in sheet
2. Pre-test questions
3. Post-test questions
4. Pre-test and post-test solutions
5. Training PPT
6. Survey questions

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Sign-In Sheet for Electrical Safety Training

Training Coordinator: _____ (Print Name)

Training Location: _____ **Date:** _____ **Start Time:** _____ **End Time:** _____

	First Name	Last Name	Signature	Are you an employee or an employer representative? (if you are a supervisor, you are considered as employer)		Company name
1				Yes	No	
2				Yes	No	
3				Yes	No	
4				Yes	No	
5				Yes	No	
6				Yes	No	
7				Yes	No	
8				Yes	No	
9				Yes	No	
10				Yes	No	

I certify that listed trainees have participated in this training session.

Training coordinator's Signature _____

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Name _____ Date _____

Pre-Test Questions for Electrical Safety

Q1: Who is responsible for providing the necessary safety training for employees?

- (a) OSHA
- (b) Employers
- (c) Employees
- (d) Labor union

Q2: Which statement is false?

- (a) Electrical current always flows through the minimum resistance path
- (b) Electrical conductors are highly resistant to electron movement
- (c) Wet wood is an electrical insulator
- (d) Open the current flow path stops current conduction

Q3: What is the most common injury related with electrical shocks?

- (a) High fever
- (b) Electrocution
- (c) Electrical burns
- (d) Electrical fire
- (e) Electrical explosion
- (f) Electrical arc flash

**Q4: What is the safe distance for a construction work to walk away from fallen power lines?
(Assume that the voltage is up to 750Kv)**

- (a) At least 5 feet
- (b) At least 10 feet
- (c) At least 20 feet
- (d) At least 35 feet

Q5: What is the most dangerous path for electricity shock through body?

- (a) Head
- (b) Heart
- (c) Feet
- (d) Belly

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Q6: Which two fire extinguishers are useful for electrical fire?

- (a) Dry chemical powder
- (b) Water
- (c) Carbon dioxide
- (d) Foam

Q7: If a construction worker find the insulation cord of a drill is broken. What should do?

- (a) Power on the drill to see if it still works
- (b) Wrap tape around the broken cord location to prevent electrical shocks
- (c) Hold the cord by hand, so it does not contact body
- (d) Tag out the drill, notify the department responsible for equipment maintenance and repair

Q8: Which statement is false?

- (a) It is safe to place materials/equipment 10 feet away under overhead power lines
- (b) The use of double-insulated hand-held tools reduces ground-fault risks
- (c) It is necessary to visually inspect electrical equipment before using them
- (d) OSHA requires flexible cords to be rated for hard or extra-hard

Q9: Is it safe for a construction worker to touch down power lines by hand?

- (a) Safe, because down power lines are usually de-energized
- (b) Safe, because the down power lines are open circuits, so there is no current flow
- (c) Not safe, because we should always assume that down power lines are live and energized
- (d) Safe, because down power lines have insulation package jackets

Q10: Which device protects workers from shock and electrocution by checking the imbalanced current going to and returning from an electrical equipment?

- (a) Circuit breakers
- (b) Circuit fuse
- (c) GFCI
- (d) Three-prong plug

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Name _____ Date _____

Post-Test Questions for Electrical Safety

Q1: Who is responsible for providing the necessary safety training for employees?

- (a) OSHA
- (b) Employers
- (c) Employees
- (d) Labor union

Q2: Which statement is false?

- (a) Electrical current always flows through the minimum resistance path
- (b) Electrical conductors are highly resistant to electron movement
- (c) Wet wood is an electrical insulator
- (d) Open the current flow path stops current conduction

Q3: What is the most common injury related with electrical shocks?

- (a) High fever
- (b) Electrocution
- (c) Electrical burns
- (d) Electrical fire
- (e) Electrical explosion
- (f) Electrical arc flash

**Q4: What is the safe distance for a construction work to walk away from fallen power lines?
(Assume that the voltage is up to 750Kv)**

- (a) At least 5 feet
- (b) At least 10 feet
- (c) At least 20 feet
- (d) At least 35 feet

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- (a) It is safe to place materials/equipment 10 feet away under overhead power lines
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Name _____ Date _____

Pre-Test/ Post-Test Solution for Electrical Safety

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Training Evaluation for Electrical Safety

Date: _____

All answers are completely confidential

1. What is your education level?
 - (a) Less than a high school diploma
 - (b) High school graduates
 - (c) Bachelor's degree
 - (d) Master's degree or above

2. How long have you been working in construction industry?
 - (a) No experience
 - (b) Less than 1 year
 - (c) 1-5 years
 - (d) 5-10 years
 - (e) More than 10 years

3. Is your current job related with electrical safety in construction industry?
 - (a) Yes
 - (b) No
 - (c) Partly

4. The safety information in this training is useful and easy to understand.
 - (a) Strongly agree
 - (b) Agree
 - (c) Neither agree nor disagree
 - (d) Disagree
 - (e) Strongly disagree

5. The workload of these training materials is sufficient and the content is interesting.
 - (a) Strongly agree
 - (b) Agree
 - (c) Neither agree nor disagree
 - (d) Disagree
 - (e) Strongly disagree

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6. The training materials helps me achieve the learning objectives stated on it.
 - (a) Strongly agree
 - (b) Agree
 - (c) Neither agree nor disagree
 - (d) Disagree
 - (e) Strongly disagree

 7. Attending this training session with these new training materials improves my comprehension of subject matter.
 - (a) Yes
 - (b) Somewhat yes
 - (c) Neutral
 - (d) Somewhat no
 - (e) No

 8. Generally, I have a good learning experience using these educational and training materials.
 - (a) Strongly agree
 - (b) Agree
 - (c) Neither agree nor disagree
 - (d) Disagree
 - (e) Strongly disagree

 9. I will recommend these educational and training materials to my friends or colleagues.
 - (a) Yes
 - (b) Maybe
 - (c) No

 10. To improve the training materials contents and quality, what are your specific comments and suggestions? (For example, any important knowledge is missing in this training?)
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