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
Sign-In Sheet for Electrical Safety Training

Training Coordinator: _____________ (Print Name)

Training Location: _______________ Date: ____________ Start Time: _______ End Time: ________

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<th>First Name</th>
<th>Last Name</th>
<th>Signature</th>
<th>Are you an employee or an employer representative? (if you are a supervisor, you are considered as employer)</th>
<th>Company name</th>
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I certify that listed trainees have participated in this training session.

Training coordinator’s Signature _____________
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
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 finds 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
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
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   (Assume that the voltage is up to 750Kv)
   (a) At least 5 feet
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   (a) It is safe to place materials/equipment 10 feet away under overhead power lines
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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
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?)