

Training Needs Questionnaire

Electrical Safety

Yes **No**

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|------|--|--------------------------|--------------------------|
| 2004 | 1. Will you operate electrical equipment in a research setting? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2006 | 2. Will you install and maintain low voltage (less than 50 volts) signal or automated data processing equipment? | <input type="checkbox"/> | <input type="checkbox"/> |

The following questions refer to training requirements for Qualified Electrical Workers (QEWs). All QEWs are required to have substantial experience and/or education in electrical work, and must be authorized by the Electrical Safety Committee before they can complete training and perform electrical work.

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|------|--|--------------------------|--------------------------|
| 2011 | 3. Will you build, repair, modify or troubleshoot electrical equipment 50-600 volts or will you supervise this type of worker? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2016 | 4. Will you build, repair, modify or troubleshoot high voltage electrical equipment at greater than 600 volts or will you supervise this type of worker? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2024 | 5. Will you perform 120-volt plug wiring, electrical equipment construction, or electrical power wiring or will you supervise this type of worker? | <input type="checkbox"/> | <input type="checkbox"/> |

General Safety

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| 3010 | 6. Will you perform service and/or maintenance of equipment utilizing hazardous energy (belts/pulleys, moving/rotating shafts, chains, gears, nip points, pneumatic, hydraulic, gravitational, steam, spring, chemical thermal, etc)?
<i>NOTE: If you are performing only electrical LOTO and you plan on being certified as a QEW, answer no to this question.</i> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3015 | 7. Will you use safety glasses, goggles, chemical or leather gloves, protective footwear, a face shield or a hard hat to perform your assigned work duties? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3021 | 8. Will you work with machinery that has belts/pulleys, moving/rotating shafts, chains, gears, nip points, etc? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3025 | 9. Will you work in a confined space that:
1) is large enough and configured such that a person can bodily enter,
2) has limited or restricted means for entry or exit,
3) is not designed for continuous occupancy, or
4) is labeled as a confined space? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3027 | 10. Will you work with:
1) step ladders with more than three steps,
2) extension ladders, or
3) rolling stairs? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3029 | 11. Will you use scaffolding in the course of your work? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3031 | 12. Will your job require you to perform work at heights of six feet or more? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3032 | 13. Will you perform work utilizing boom lifts? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3033 | 14. Will you perform small open flame processes (such as electrical soldering or small glass working operations)? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3035 | 15. Will you perform larger hotwork or torch operations (large arc welding, torch cutting/welding operations)? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3040 | 16. Will you work in Ames Laboratory owned or rented space? | <input type="checkbox"/> | <input type="checkbox"/> |

Industrial Hygiene

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|------|--|--------------------------|--------------------------|
| 4003 | 17. Will you work with hazardous chemicals in the course of your job duties? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4006 | 18. Will you use a dust mask during your work activities? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4016 | 19. Will you work with compressed gas cylinders? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4020 | 20. Are you a researcher who will work with biohazardous agents that can cause disease in humans, plants, or animals, or will you supervise this type of worker? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4035 | 21. Will you lift, push/pull objects that weigh more than 40 lbs. or frequently lift, push/pull objects that weigh 20-40 lbs.? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4050 | 22. Will you work with lead or lead-containing materials? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4051 | 23. Will your work activities require you to use anhydrous fluoride or hydrofluoric acid? | <input type="checkbox"/> | <input type="checkbox"/> |

4057 24. Will you work with cryogenic fluids/gases such as liquid nitrogen or helium?

General Administrative Programs/Policies

5053 25. Will you need to purchase tax-free ethanol for your research?

26. Will you purchase or use nitric acid for your research activities?

Radiation Safety

6005 27. Will your job require you to routinely enter a controlled area and encounter radiological barriers and postings?

Environmental Management

8012 28. Will you work with equipment containing 55 gallons or more of an oil based product and/or will you store containers containing 55 gallons or more of an oil based product?

Special Assignments and Positions

9039 29. Forklift Operator

9048 30. Hoist & Crane Operator

9090 31. X-ray User

9092 32. Radioactive Materials User