

Appendix E

Hazardous Electrical Voltage Training Checklist

The training requirements below apply to all employees who face a risk of electrical shock that is not reduced to a safe level by electrical installation requirements and who must work on or near energized components. All **Qualified High Voltage Electrical Workers** who work on high voltage equipment (> 600 volts) are required to be trained on safety-related work practices that pertain to their jobs and in the following topics below:

- The skills and techniques necessary to distinguish exposed live parts from other parts of electrical equipment.
- The skills and techniques necessary to determine the nominal voltage of exposed live parts.
- The clearance distances specified by Cal/OSHA and the corresponding voltage to which the Qualified Person will be exposed.
- Safely de-energizing of parts and subsequent electrical lockout and tagging procedures as required by the electrical standard.
- Proper precautionary work techniques.
- Proper use of PPE to include non-conductive gloves, aprons, head protection, safety glasses, and faceshields.
- Proper selection and use of rated test instruments and equipment, including the capability to visually inspect all parts of the test equipment for defects.
- Use of insulating and shielding materials for employee protection to include auxiliary shields, guards, mats, or other specific equipment.
- Proper use of insulated tools or other non-conductive devices such as fuse pullers, fish tapes, hot sticks, ropes, or handlines.
- The importance of illumination and to work only in properly illuminated areas.
- Proper work techniques for work in enclosed or confined work spaces.
- Removal or special handling of any conductive materials and equipment.
- Proper and safe use of portable ladders around electrical equipment.
- Removal of any conductive jewelry or apparel.
- Proper alerting techniques such as using safety signs and tags, barricades, attendants, and work practices.
- Any other safety related work practice not listed above but necessary for them to safely do their job.