

The following checklist is a guide. It may be used in its entirety or be modified to the specific user's needs by adding or subtracting items from the checklist. For questions concerning any item, contact the Office of Environmental Health and Safety.

(8) ELECTRICAL

Name: _____ Date : _____

Location of Inspection: _____

1. Are your workplace electricians familiar with the Cal/OSHA Electrical Safety Orders?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Comments: _____ _____
2. Do you specify compliance with Cal/OSHA for all contract electrical work?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Comments: _____ _____
3. Are all employees required to report as soon as practicable any obvious hazard to life or property observed in connection with electrical equipment or lines?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Comments: _____ _____ _____
4. Are employees instructed to make preliminary inspections and/or appropriate tests to determine what conditions exist before starting work on electrical equipment or lines?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Comments: _____ _____ _____
5. When electrical equipment or lines are to be serviced, maintained or adjusted, are necessary switches opened, locked-out, and tagged whenever possible?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Comments: _____ _____ _____
6. Are portable electrical tools and equipment grounded or of the double insulated type?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Comments: _____ _____

<p>7. Are electrical appliances such as vacuum cleaners, polishers, vending machines grounded?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>8. Do extension cords being used have a grounding conductor?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>9. Are multiple plug adapters prohibited?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>10. Are ground-fault circuit interrupters installed on each temporary 15 or 20 ampere, 120 volt AC circuit at locations where construction, demolition, modifications, alterations or excavations are being performed?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____ _____</p>
<p>11. Are all temporary circuits protected by suitable disconnecting switches or plug connectors at the junction with permanent wiring?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p>12. Is exposed wiring and cords with frayed or deteriorated insulation repaired or replaced promptly?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>13. Are flexible cords and cables free of splices or taps?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>14. Are clamps or other securing means provided on flexible cords or cables at plugs, receptacles, tools, and equipment and is the cord jacket securely held in place?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p>15. Are all cord, cable and raceway connections intact and secure?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>

<p>16. In wet or damp locations, are electrical tools and equipment appropriate for the use or location or otherwise protected?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>17. Is the location of electrical power lines and cables (overhead, underground, under floor, other side of walls) determined before digging, drilling or similar work is begun?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>18. Are metal measuring tapes, ropes, hand lines or similar devices with metallic thread woven into the fabric prohibited where they could come in contact with energized parts of equipment or circuit conductors?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>19. Is the use of metal ladders prohibited in area where the ladder or the person using the ladder could come in contact with energized parts of equipment, fixtures or circuit conductors?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>20. Are all disconnecting switches and circuit breakers labeled to indicate their use or equipment served?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>21. Are disconnecting means always opened before fuses are replaced?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>22. Do all interior wiring systems include provisions for grounding metal parts of electrical raceways, equipment and enclosures?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>

<p>23. Are all electrical raceways and enclosures securely fastened in place?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>24. Are all energized parts of electrical circuits and equipment guarded against accidental contact by approved cabinets or enclosures?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>25. Is sufficient access and working space provided and maintained about all electrical equipment to permit ready and safe operations and maintenance?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>26. Are all unused openings (including conduit knockouts) in electrical enclosures and fittings closed with appropriate covers, plugs or plates?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>27. Are electrical enclosures such as switches, receptacles, junction boxes, etc., provided with tight-fitting covers or plates?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>28. Are disconnecting switches for electrical motors in excess of two horsepower, capable of opening the circuit when the motor is in a stalled condition, without exploding? (Switches must be horsepower rated equal to or in excess of the motor hp rating).</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____ _____</p>
<p>29. Is low voltage protection provided in the control device of motors driving machines or equipment that could cause probably injury from inadvertent starting</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____ _____</p>

<p>30. Is each motor disconnecting switch or circuit breaker located within sight of the motor control device?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>31. Is each motor located within sight of its controller or the controller disconnecting means capable of being locked in the open position or is a separate disconnecting means installed in the circuit within sight of the motor?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>32. Is the controller for each motor in excess of two horsepower, rated in horsepower equal to or in excess of the rating of the motor it serves?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>33. Are employees who regularly work on or around energized electrical equipment or lines instructed in the cardio-pulmonary resuscitation (CPR) methods?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>
<p>34. Are employees prohibited from working alone on energized lines or equipment over 600 volts?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____</p>