PHYSICAL, SENSORY & MENTAL REQUIREMENTS
for the Classes:

ELECTRICIAN HELPER
ELECTRICIAN I & II

All employees must be physically able to perform the essential duties of the position. The following physical, sensory and mental requirements are generally stated and are not necessarily descriptive of any one position in this class.

<table>
<thead>
<tr>
<th>Physical Requirement</th>
<th>Occasional</th>
<th>Frequent</th>
<th>Comments/Related Job Duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sit</td>
<td></td>
<td></td>
<td>Read work request, inservice training, operating equipment &amp; vehicles.</td>
</tr>
<tr>
<td>Stand</td>
<td></td>
<td></td>
<td>Daily electrical requirements.</td>
</tr>
<tr>
<td>Walk</td>
<td></td>
<td></td>
<td>Daily electrical requirements.</td>
</tr>
<tr>
<td>Bend</td>
<td></td>
<td></td>
<td>Bend to reach plug hidden behind equipment.</td>
</tr>
<tr>
<td>Squat</td>
<td></td>
<td></td>
<td>Daily electrical requirements.</td>
</tr>
<tr>
<td>Crawl</td>
<td></td>
<td></td>
<td>Crawl in attic, ceiling, working under equipment, etc.</td>
</tr>
<tr>
<td>Climb</td>
<td></td>
<td></td>
<td>Climb down ladder with tools, climb around boiler equipment, climb/pull oneself onto roof.</td>
</tr>
<tr>
<td>Reach Above Head</td>
<td></td>
<td></td>
<td>Installing &amp; repairing light fixtures, electrical conduit, pulling electrical wires, computer cables, etc.</td>
</tr>
<tr>
<td>Can Lift Unassisted:</td>
<td></td>
<td></td>
<td>Daily job requirements.</td>
</tr>
<tr>
<td>up to 10 lbs.</td>
<td></td>
<td></td>
<td>Daily job requirements.</td>
</tr>
<tr>
<td>11 – 20 lbs.</td>
<td></td>
<td></td>
<td>Lifting 5 gallon buckets of chemicals, electrical conduit, wires, electrical light fixtures, tools, electrical equipment, beds, gurneys, etc.</td>
</tr>
<tr>
<td>21 – 50 lbs.</td>
<td></td>
<td></td>
<td>51 lbs. &amp; over never- should get assistance</td>
</tr>
<tr>
<td>51 lbs. &amp; over</td>
<td>never- should get assistance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Can Carry Unassisted:</td>
<td></td>
<td></td>
<td>Daily job requirements.</td>
</tr>
<tr>
<td>up to 10 lbs.</td>
<td></td>
<td></td>
<td>Daily job requirements.</td>
</tr>
<tr>
<td>11 – 20 lbs.</td>
<td></td>
<td></td>
<td>Lifting 5 gallon buckets of chemicals, electrical conduit, wires, electrical light fixtures, tools, electrical equipment, beds, gurneys, etc.</td>
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<tr>
<td>21 – 50 lbs.</td>
<td></td>
<td></td>
<td>51 lbs. &amp; over never- should get assistance</td>
</tr>
<tr>
<td>51 lbs. &amp; over</td>
<td>never- should get assistance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Physical (continued)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Occasional</th>
<th>Frequent</th>
<th>Comments/Related Job Duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grasping:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Hand</td>
<td></td>
<td>x</td>
<td>Grasping of tools, equipment, splicing electrical wires, pipe fittings, etc.</td>
</tr>
<tr>
<td>Left Hand</td>
<td></td>
<td>x</td>
<td>Grasping of tools, equipment, splicing electrical wires, pipe fittings, etc.</td>
</tr>
<tr>
<td>Both Hands</td>
<td></td>
<td>x</td>
<td>Grasping of tools, equipment, splicing electrical wires, pipe fittings, etc. Wind up electrical cords, change ballast.</td>
</tr>
<tr>
<td>Push/Pulling</td>
<td></td>
<td>x</td>
<td>Push heavy office furniture, pull oneself onto roof, Carts, wagons, beds, gurneys, pulling electrical wires &amp; computer cables, etc.</td>
</tr>
<tr>
<td>Fine Manipulating:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Hand</td>
<td></td>
<td>x</td>
<td>Installing &amp; repairing electrical equipment, terminating electrical wires, computer cables, telephone wires, etc.</td>
</tr>
<tr>
<td>Left Hand</td>
<td></td>
<td>x</td>
<td>Installing &amp; repairing electrical equipment, terminating electrical wires, computer cables, telephone wires, etc.</td>
</tr>
<tr>
<td>Both Hands</td>
<td></td>
<td>x</td>
<td>Installing &amp; repairing electrical equipment, terminating electrical wires, computer cables, telephone wires, etc.</td>
</tr>
<tr>
<td>Exposure to Heights</td>
<td></td>
<td>x</td>
<td>Working on ladders, scaffolds, lifts, climbing on roofs, repair light fixtures &amp; pole lights &amp; replace light bulbs, etc.</td>
</tr>
<tr>
<td>Around Moving Machinery</td>
<td></td>
<td>x</td>
<td>Working around A/C air handlers exhaust fans, laundry equipment, air compressors, compactor, etc.</td>
</tr>
<tr>
<td>Exposure to Dust, Fumes</td>
<td>x</td>
<td>x</td>
<td>Daily exposure to dust, solvents, chemicals, lubricants, etc.</td>
</tr>
<tr>
<td>Operate Foot Pedals:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Right Foot</td>
<td></td>
<td>x</td>
<td>Operating vehicles or machinery.</td>
</tr>
<tr>
<td>Left Foot</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Both Feet</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exposure to Marked Changes in Temperature &amp; Humidity</td>
<td>x</td>
<td>x</td>
<td>Exposure to different temperature, sun, rain, hot, humid, cold, works on walk in refrigerator &amp; freezers, ceiling-heat, boiler &amp; laundry-hot, etc.</td>
</tr>
<tr>
<td>Drive a Vehicle</td>
<td>x</td>
<td>x</td>
<td>Utility knife, electric saws, drill, etc.</td>
</tr>
<tr>
<td>Exposure to Sharp Instruments</td>
<td>x</td>
<td>x</td>
<td>Writing reports, service requisitions, order supplies, document work orders, preventive maintenance records, etc.</td>
</tr>
</tbody>
</table>

### Sensory

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Comments/Related Job Duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can Distinguish Smells</td>
<td>Frequent-distinguish types of smell for solvents, chemicals, gasoline, diesel, fire/smoke, burning electrical wires, burned ballast, etc.</td>
</tr>
<tr>
<td>Can Distinguish Tastes</td>
<td>N/a</td>
</tr>
<tr>
<td>Can Hear:</td>
<td>Frequent-able to hear overhead PA announcements, alarms, page, radio calls, equipment operating normally, verbal instructions, detect machine malfunction, etc.</td>
</tr>
<tr>
<td>Normal Tones</td>
<td></td>
</tr>
<tr>
<td>Soft Tones</td>
<td>Frequent</td>
</tr>
<tr>
<td>Can Distinguish Temperatures</td>
<td>Frequent –hot &amp; cold water pipes, A/C temperatures.</td>
</tr>
<tr>
<td>By Touch/Proximity</td>
<td></td>
</tr>
<tr>
<td>Eyesight:</td>
<td>Normal/Corrected</td>
</tr>
<tr>
<td>--------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Close Eye Work</td>
<td></td>
</tr>
<tr>
<td>Mental Requirement</td>
<td></td>
</tr>
<tr>
<td>Can Read, Speak and Write (What language/s)</td>
<td>English-in order to communicate and comprehend assignments, inservices, etc.</td>
</tr>
<tr>
<td>Is Oriented with Reality</td>
<td></td>
</tr>
<tr>
<td>Can control Emotions (temper, etc.)</td>
<td></td>
</tr>
<tr>
<td>Has Positive Attitude toward the ill, the Handicapped and the Elderly</td>
<td></td>
</tr>
<tr>
<td>Can Remember/Recall</td>
<td></td>
</tr>
<tr>
<td>Able to Work with Controlled Substances (drugs)</td>
<td></td>
</tr>
<tr>
<td>Can Handle Stress</td>
<td></td>
</tr>
</tbody>
</table>

This is an amendment to the physical requirement specifications for the classes, ELECTRICIAN I & II, to add ELECTRICIAN HELPER.

APPROVED: December 10, 2010

PAUL TSUKIYAMA
VP/Director of Human Resources