# ELECTRICAL INSPECTOR

**Class Title:** Full performance level in the electrical inspection occupation requiring considerable knowledge of electrical installation methods and associated regulatory requirements; under direction, conducts inspections of electrical installation for compliance with applicable building codes.

## RANK | JOB DUTIES | MAJOR WORKER CHARACTERISTICS
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1 | Using approved plans, reviews RISER diagrams of buildings to determine if design engineer or electrical contractor has provided accurate and adequate information to complete approved wiring installations. | Knowledge of 10 (safety practices), 23 (law--National Electrical code); Skill in 28 (skilled trade--electrical inspection and installation methods); Ability to 30g (understand system of mechanical or other procedures (e.g., bookkeeping, wiring), 30i (deal with variety of variables in somewhat unfamiliar context), 30j (interpret variety of instruction in written, oral, picture or schedule form), 30l (define problems, collect data, establish facts & draw valid conclusions), 31e (use algebra), 32p (proofread technical materials, recognize errors & make corrections). |
2 | At inspection sites, performs rough, pre-heat and final electrical safety inspections on buildings and other types of structural wiring to determine adequacy and safety of installations. Documents all discrepancies found during inspection, maintains log of time spent at each inspection site. | Knowledge of 10, 23; Skill in 28, 29 (equipment operation--vehicle); Ability to 30g, 30i, 30l, 31d (calculate fractions, decimals & percentages), 32j (maintain accurate records), 34b (work alone on most tasks), 35b (demonstrate agility (to move whole body quickly & easily)). |

(*Developed After Employment*)

## UNUSUAL WORKING CONDITIONS:
Exposed to unfavorable weather & driving conditions; exposed to high voltage and construction hazards.

## MINIMUM CLASS REQUIREMENTS: (Including License, If Any)
Equivalent to High School diploma; currently possess an Electrical Safety Inspector (ESI) certification as issued by the State of Ohio Board of Building Standards –OR- have the ability to obtain an ESI certification as issued by the State of Ohio Board of Building Standards within six (6) months of hire date; must possess and maintain valid State of Ohio driver license with acceptable driving record.
### CLASS TITLE: ELECTRICAL INSPECTOR

**CLASS CONCEPT:** Full performance level in the electrical inspection occupation requiring considerable knowledge of electrical installation methods and associated regulatory requirements; under direction, conducts inspections of electrical installation for compliance with applicable building codes.

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<td>Advises builders, contractors and homeowners regarding reasons for non-conformance of electrical installations; certifies conforming completed jobs to public utility, records actions taken on associated permits. Provides answers to questions from builders, contractors, and the general public regarding electrical requirements; investigates complaints involving violations of electrical safety requirements; attends meetings of trade groups to review code revisions and related matters.</td>
<td><strong>Knowledge of</strong> 10, 11a (public relations), 23; <strong>Skill in</strong> 28; <strong>Ability to</strong> 30g, 30i, 30l, 30m (interpret extensive variety of technical material in books, journals &amp; manuals), 34d (answer routine telephone inquires from public), 34f (handle sensitive inquiries from &amp; contacts with officials &amp; general public), 34i (resolve complaints from angry citizens &amp; government officials).</td>
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(Performs Related Duties As Required)

(*Developed After Employment*)

### UNUSUAL WORKING CONDITIONS:

### MINIMUM CLASS REQUIREMENTS: (Including License, If Any)

### TRAINING & DEVELOPMENT: