



City of Phoenix

GENERAL INSPECTOR II

JOB CODE 60160

Effective Date: Rev. 12/07

DISTINGUISHING FEATURES OF THE CLASS:

The fundamental reason this classification exists is to inspect all aspects of residential construction for conformance with the City's building, electrical, mechanical, plumbing, and zoning requirements. Assignments involve inspection of new residential construction and alteration and repair work. Responsibilities include inspection of swimming pools, utility connections to mobile homes, and periodic safety inspections of existing mobile home parks. Compliance is ordered when violations are discovered. Employees work independently in the field and are responsible for making decisions requiring technical discretion, sound judgment, and familiarity with a variety of codes, ordinances, and construction methods or problems. The experience and knowledge necessary to inspect larger and more complex projects distinguish this class from General Inspector I. Work is performed under general supervision and review by a General Inspections Field Supervisor or the General Inspections Supervisor.

ESSENTIAL FUNCTIONS:

- Inspects structural, electrical, plumbing, and mechanical installations at a level of complexity generally found in residential construction to ensure that work complies with the City Construction Code, Zoning Ordinance, and other applicable regulations and approved plans and specifications;
- Requires corrections to be made when deficiencies are discovered and assists builders and owners in determining how such corrections may be made to achieve code conformance;
- Informs contractors and other customers of the Construction Code and other building regulatory requirements;
- Investigates alleged violations of the Construction Code and related ordinances;
- Approves alternate methods or materials for code compliance within the scope of authority delegated by the Building Official;
- Acts as field supervisor when assigned;
- Performs inspections in accordance with approved plans and all disciplines;
- Maintains regular and reliable attendance.
- Demonstrates superior seamless customer service, integrity, and commitment to innovation, efficiency, and fiscally responsible activity.

Required Knowledge, Skills and Abilities:



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Knowledge of:

- The Construction Code and the Zoning Ordinance applicable to residential construction and associated rules, regulations, and standards.
- Materials and methods used in residential construction including carpentry, masonry, plumbing, mechanical, and electrical.
- Stages of construction when possible violations and defects may most easily be observed and corrected.
- Mathematical principles required to perform related technical calculations.

Ability to:

- Perform inspections that consist of an evaluation of structural, electrical, plumbing, and mechanical installations.
- Accurately read and comprehend construction plans.
- Detect possible defects and faults in construction and recommend or stipulate appropriate remedial measures.
- Objectively interpret and consistently apply code requirements and related standards in accordance with department policies.
- Communicate in the English language by phone or in person in a one-to-one setting.
- Observe or monitor objects to determine compliance with prescribed operating or safety standards.
- Perceive the full range of the color spectrum, such as working with electrical wires.
- Use graphic instructions, such as blueprints, schematic drawings, layouts or other visual aids.
- Measure distance using a tape measure.
- Sort, file or distribute materials such as site plans, permit files, notice of ordinance violations, or related material.
- Bend or stoop repeatedly or continually while performing inspections.
- Lift arm above shoulder level while performing inspections.
- Ascend or descend ladders or unfinished stairs without handrails and/or fixed stair treads.
- Work at heights greater than 10 feet.
- Travel over rough, uneven or rocky surfaces or terrain and maneuver around scaffolding, bracing or unfinished construction elements.
- Produce reports in the English language and keep accurate records.
- Work cooperatively with other City employees and the general public.
- Work safely without presenting a direct threat to self or others.

Additional Requirements:



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- Must possess **four** certifications from the following five areas listed below OR possess an ICC Residential Combination Inspector certification:

Building

- ICC Residential Building Inspector OR ICC Commercial Electrical Inspector

Electrical

- ICC Residential Electrical Inspector
OR
- IAEI Electrical 1&2 Family Dwelling OR ICC Commercial Electrical Inspector

Mechanical

- ICC Residential Mechanical Inspector OR ICC Commercial Mechanical Inspector

Plumbing

- IAPMO Plumbing Inspector
OR
- ICC Residential Plumbing Inspector OR ICC Commercial Plumbing Inspector

Energy

- ICC Residential Energy Inspector/Plans Examiner OR ICC Commercial Energy Inspector

ACCEPTABLE EXPERIENCE AND TRAINING:

Two years of experience inspecting all aspects of residential construction for conformance with City building, electrical, mechanical, plumbing, and zoning requirements (two years at the level of General Inspector I) and certification as noted above. Other combinations of experience and education that meet the minimum requirements may be substituted.