General Statement of Duties

Performs technical combination inspections in two of the following disciplines: construction, electrical, mechanical, and/or plumbing and enforces compliance with applicable codes, regulations, and ordinances associated with each trades area.

Distinguishing Characteristics

This class performs technical combination inspections in two trades areas. This class is distinguished from the Trades Inspector class that performs specialized inspections in one of the following disciplines: plumbing, electrical, mechanical, or construction and enforces compliance with applicable codes and regulations associated with each trades area. The Combination Inspector I class is also distinguished from the Combination Inspector II class that performs technical combination inspections in three of the following disciplines: construction, electrical, mechanical, and/or plumbing and enforces compliance with applicable codes, regulations, and ordinances associated with each trades area.

Level of Supervision Exercised

None

Essential Duties

Performs combination inspections in two trade areas which includes electrical, construction, mechanical, and/or plumbing and enforces compliance of applicable structural, electrical, mechanical, and/or plumbing codes and regulations.

Examines plans and specifications to determine compliance with applicable codes, regulations, and ordinances and checks and enforces field conformance to approved plans.

Determines compliance or non-compliance with code requirements and recommends appropriate corrections, enforcement, and/or compliance action to remedy the compliance issue(s).

Investigates complaints of code violations, recommends appropriate corrective and/or enforcement action which may include issuing “stop work” orders, summons, and/or canceling permits; and reinvestigates to verify code compliance.

Interprets and explains rules, regulations, ordinance, and standards to property owners, contractors, and the public.

Prepare written reports and maintains records of inspections performed.

Complies with standard safety rules and procedures common to the trade.

By position, may be required to be on-call to address emergent needs.

Performs other related duties as assigned.

Any one position may not include all of the duties listed. However, the allocation of positions will be determined by the amount of time spent in performing the essential duties listed above.
**Competencies**

Conflict Management - Manages and resolves conflicts, grievances, confrontations, or disagreements in a constructive manner to minimize negative personal impact.

Decision Making - Specific goals and obstacles to achieving those goals, generates alternatives, considers risk, and evaluates and chooses the best alternative in order to make a determination, draw conclusions, or solve a problem.

Interpersonal Skills - Shows understanding, friendliness, courtesy, tact, empathy, cooperation, concern, and politeness to others and relates well to different people from varied backgrounds and different situations.

Reading - Understands and interprets written material, including technical material, rules, regulations, instructions, reports, charts, graphs or tables; applies what is learned from written material to specific situations.

Technical Competence – Uses knowledge that is acquired through formal training or extensive on-the-job experience to perform one’s job; works with, understands, and evaluates technical information related to the job; advises others on technical issues.

Written Communication – Composes, reviews, edits, and issues written materials for diverse audiences and communicates purpose in a succinct and organized manner that is appropriate for context, time, and place.

**Knowledge & Skills**

Knowledge of the principles and practices of inspection work sufficient to be able to monitor and enforce compliance. Refers to specialized knowledge that is acquired through formal training or extensive on-the-job experience.

Skill in conducting investigations to ensure compliance with applicable rules, regulations, standards, and codes.

**Education Requirement**

Graduation from high school or the possession of a GED, HiSET or TASC Certificate.

**Experience Requirement**

Three (3) years of experience performing inspections in two of the following areas: structural building construction, electrical, plumbing, or mechanical. City and County of Denver Trades Inspectors must successful complete the agency’s in-house Combination Inspector Training classes and on-the-job training and possess/obtain two of the certifications and/or licenses described in the Licensure and/or Certification Section of this class specification. This will qualify employees for the Combination Inspector I class. Please see agency specific training plan and requirements.

**Education & Experience Equivalency**

Additional appropriate education may be substituted for one year of the minimum experience requirement.

**Licensure & Certification**

This job requires driving. Requires a valid Driver’s License at the time of application.

Requires certification or licensure in at least two of the following areas:
- State of Colorado Electrical License or Master Electrical License
- State of Colorado Plumbing License or Master Plumbing License
- ICC Residential or Commercial Building Inspector
• ICC Residential or Commercial Mechanical Inspector
• ICC Residential or Commercial Plumbing Inspector
• By position, possession of a Fire Suppression System Inspector Certificate issued by the State of Colorado by the end of the probationary period.

Licenses and certifications must be kept current as a condition of employment.

**Working Environment**

Atmospheric Conditions: conditions that affect the skin, eyes or respiratory system.
Potential exposure to cement dust
Potential exposure to cold temperature, cold enough to cause bodily discomfort
Potential exposure to cold weather conditions (indoor/outdoor)
Potential exposure to conditions that affect the skin or respiratory system.
Potential exposure to dust
Potential exposure to extreme temperature changes
Potential exposure to hazardous/toxic chemicals
Potential exposure to hazards from electro/mechanical/power equipment.
Potential exposure to hazards of steam and heat
Potential exposure to heat temperatures, hot enough to cause bodily discomfort
Potential exposure to heat, wetness, outdoors, odors
Potential exposure to hot and humid work environment
Potential exposure to housekeeping/cleaning agents/chemicals.
Potential exposure to humid conditions with high moisture content to cause bodily reactions
Potential exposure to noise from barking dogs
Potential exposure to odorous chemical and specimens
Potential exposure to odors in animal areas
Potential exposure to pesticides or fertilizers
Potential exposure to temperature changes: variations in temperature from hot to cold
Potential exposure to wet working conditions (cleaning kennels)
Potential exposure due to soil, plants, and insects
Extreme cold conditions
Handles absentee replacement on short notice
Handles emergency or crisis situations
Noise sufficient to cause distraction or possible hearing loss
Noise sufficient to cause distraction
Occasional pressure due to multiple calls
Personal Safety: aware of surroundings, people, and events
Subject to electrical and radiant energy hazards
Subject to hazards of flammable or explosive gases
Subject to injury from moving parts of equipment or vehicles
Subject to injury from moving parts of equipment.
Subject to long irregular hours
Subject to many interruptions
Subject to precarious or high locations
Subject to pressure for multiple calls, inquiries, and interruptions
Subject to varying and unpredictable situations
Subject to traffic, roadways, and pedestrians
Temperature Changes: variations in temperature from hot to cold.
Temperature Changes: variations in temperatures from hot to cold when works in field
Wet: frequent contact with water or other liquid.
Wet: frequent contact with water, liquid, chemicals, or sanitary sewage
Works in confined, uncomfortable or awkward locations
Works in precarious or high locations.

**Level of Physical Demand**

3-Medium (20-50 lbs.)

**Physical Demands**

(Physical Demands are a general guide and specific positions will vary based on working conditions, locations, and agency/department needs.):

- **Agility:** bends, stretches, twists, or reaches out with the body, arms, or legs.
- **Balancing:** maintaining body equilibrium to prevent falling over.
- **Carrying:** transporting an object; usually by hand, arm, or shoulder.
- **Climbing/Balancing:** Climbing walls, fences and other obstacles and balancing.
- **Climbing:** ascending or descending objects usually with hands and feet.
- **Color vision:** ability to distinguish and identify different colors.
- **Crawling:** Crawling in tight, cramped spaces to conduct inspections.
- **Crawling:** moving about on hands and knees or hands and feet.
- **Crouching:** bending body downward and forward by bending legs.
- **Depth Perception:** ability to judge distances and space relationships.
- **Endurance:** Exert physical efforts to restrain animals for a substantial period.
- **Eye/Hand/Foot Coordination:** performing work through the use of two or more.
- **Feeling:** perceiving attributes of objects by means of skin receptors.
- **Feeling:** perceiving attributes of objects by means of spoken word.
- **Field of Vision:** ability to adjust vision to bring objects into focus.
- **Field of Vision:** ability to see peripherally.
- **Fine Dexterity:** Coordinate eye-hand to operate a vehicle, reach, hold, grasp and turn objects.
- **Fingering:** picking, pinching, or otherwise working with fingers.
- **Handling:** seizing, holding, grasping, or otherwise working the hand(s).
- **Handling:** Handle domesticated feral animals, wildlife, birds, reptiles, bats, etc.
- **Hazards:** conditions where there is danger to life, body and/or health.
- **Hearing/Talking:** Hear and determine direction of sound.
- **Hearing:** perceiving the nature of sound by the ear.
- **Kneeling/Crouching:** Kneel and crouch to conduct inspections.
- **Kneeling:** bending legs to come to rest on one or both knees.
- **Lifting/Carrying:** Lift/carry wearing a utility belt weighing up to 10 pounds.
- **Lifting:** raising or lowering objects weighing no more than 50 pounds, from one level to another.
- **Mathematical reasoning**
- **Memorization**
- **Mental Demands:** mathematical reasoning, memorization, oral comprehension, spatial orientation, and written comprehension.
- **Neck Flexion:** Moving neck upward/downward.
- **Oral Comprehension**
- **Physical Strength:** exerts maximum muscle force to lift, push, pull, or carry objects and performs moderately laboring work.
- **Pulling:** Exerting force upon an object so that it is moving to the person.
- **Pushing:** exerting force upon an object so that the object is moving away from the person.
- **Reaching:** extending the hand(s) and arm(s) in any direction.
- **Repetitive motions:** Making frequent movements with a part of the body.
- **Sitting:** In sitting position to write a report, operate a vehicle, and contact the public.
- **Sitting:** remaining in the normal seated position.
Stamina: exerts oneself physically over long periods of time without tiring.
Standing: remaining one’s feet in an upright position.
Stooping: bending the body by bending the spine at the waist.
Talking: expressing or exchanging ideas by means of spoken words.
Vision Far acuity: ability to see clearly at 20 feet or more.
Vision Near acuity: ability to see clearly at 20 inches or less.
Vision: to read signs, and reading colors.
Walking: moving about on foot on uneven surfaces.
Walking: moving about on foot.
Written Comprehension.

### Background Check Requirement

- Criminal Check
- Employment Verification
- By position, Motor Vehicle Record
- Licenses/Certification

### Assessment Requirement

None

### Probation Period

Six (6) months.

### Class Detail

- Pay Grade: J-622
- FLSA Code: N
- Established Date: 9/21/2018
- Established By: LS
- Revised Date:
- Revised By:
- Class History: