

## LIGHT GAUGE METAL INSPECTOR

### DEFINITION

Inspects light gauge steel and other metal material for structural and miscellaneous applications at fabrication shops and construction sites to ensure that materials and work quality conform to industry guidelines, contract drawings and specifications, and applicable State and local regulations.

### TYPICAL DUTIES

Inspects sheet metal stock and other metals and coatings for conformance to the American Society for Testing and Materials (ASTM) requirements set forth in contract documents.

Coordinates specialized testing when necessary.

Inspects fabrication practices and work quality, along with work performed by trades people in the field.

Verifies the adherence to the regulations and codes of ASTM, the Sheet Metal and Air Conditioning

Contractor's National Association (SMACNA), the California Building Codes and the District's Guide Specifications.

Verifies inspection of forming, breaking, joining, fastening, brazing, soldering, lining, sealing and finishing of products utilized in new construction, rehabilitation maintenance and repair work, including light gauge steel framing, roofing, ventilating systems duct work, gutters, down spouts, flashing, kitchen and laboratory equipment, lockers, shelving, ramp systems, equipment housings, metal doors and frames, fencing, gates, railings, grills and other metal products and work.

Reviews shop drawings for conformance to project documents.

Performs related duties as assigned.

### DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

A Light Gauge Metal Inspector performs inspection of light gauge metals for structural and miscellaneous applications at fabrication shops and school district construction sites.

A Steel Inspector performs specialized inspection of structural and miscellaneous steel to be used in school buildings at fabricator's shops and at job construction sites.

A Construction Inspector represents the District at construction sites and performs continuous inspection of construction materials, metals, and work quality and monitors construction work for compliance with plans, specifications and regulations.

### SUPERVISION

General supervision is received from a Supervising Construction Inspector or a higher-level inspection supervisor. No supervision is exercised.

## CLASS QUALIFICATIONS

### Knowledge of:

- Design, fabrication and installation of a variety of sheet-metal and bar-metal products
- Practices, materials and tools used in metal working
- Welding and other processes used with light gauge metals
- Safety rules and practices
- Applicable codes, regulations and standards
- Computer applications including Microsoft Word, Microsoft Excel, and electronic mail programs.

### Ability to:

- Read, interpret and coordinate construction drawings with shop drawings
- Test the gauge of various metals
- Detect deviations from drawings and specifications by inspection
- Maintain effective contacts with metal fabricators
- Evaluate soundness of completed installations and compliance with contract documents
- Work independently
- Communicate effectively, tactfully and professionally with other District personnel, administrators, design team members and contractors

## ENTRANCE QUALIFICATIONS

### Education:

Graduation from high school or evidence of equivalent educational proficiency, preferably supplemented by courses in supervision, code enforcement and metal work practices.

### Experience:

Four years of experience as a sheet metal worker at or above the journey level. Two years of experience in a lead or higher level capacity in the metal working trade is preferable.

### Special:

A valid driver's license to legally operate a motor vehicle in the State of California and use of a motor vehicle.

## SPECIAL NOTE

Prior to employment, all successful candidates will be required to pass an asbestos medical examination in compliance with the General Industry Safety orders of the California Code of Regulations.

The class description is not a complete statement of essential functions, responsibilities, or requirements. Entrance requirements are representative of the minimum level of knowledge, skill, and /or abilities. To the extent permitted by law, management retains the discretion to add or change typical duties of a position at any time, as long as such addition or change is reasonably related to existing duties.

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