



Code: 4505

Family: Construction, Maintenance, and Skilled Labor

Service: Operation and Construction

Group: Building Maintenance and Operation

Series: Miscellaneous Building Trades

CLASS TITLE: ASBESTOS WORKER/PIPE INSULATOR

CHARACTERISTICS OF THE CLASS

Under supervision, applies and repairs insulation materials of mechanical and heating, ventilation and air conditioning (HVAC) systems, and performs related duties as required

ESSENTIAL DUTIES

- Reads work orders to assess the scope of installation and repair work involved and to determine the appropriate installation and repair methods to be used
- Travels to work sites to assess the amount and type of materials and equipment required to perform requested work
- Removes worn or damaged insulation materials from mechanical and HVAC systems
- Installs various insulation materials (e.g., fiberglass, rubber), protective coverings, coatings and finishes to pipes, duct work and mechanical systems to prevent mold, achieve consistent temperature control and to increase energy efficiency
- Seals holes and installs materials to firestop systems in newly constructed and renovated buildings to comply with established flame and temperature ratings
- Uses tools to measure, cut and cover insulated surfaces with sealants, weatherproof bands or tape
- Prepares and submits work activity reports for supervisory review
- Loads, transports and unloads equipment and supplies used at assigned work sites
- Cleans and maintains related equipment and supplies

NOTE: *The list of essential duties is not intended to be inclusive; there may be other duties that are essential to particular positions within the class.*

MINIMUM QUALIFICATIONS

Education, Training, and Experience

- Successful completion of a US Department of Labor registered pipe insulator apprenticeship training program and journeyman status; or an equivalent combination of education, training and experience

Licensure, Certification, or Other Qualifications

- A valid State of Illinois driver's license is required

WORKING CONDITIONS

- Exposure to outdoor weather conditions
- Exposure to hazardous conditions (e.g., construction sites, heavy machinery)

EQUIPMENT

- Standard office equipment (e.g., telephone, printer, photocopies, fax machine)
- Computers and peripheral equipment (e.g., personal computer, computer terminals)
- Personal protective equipment (e.g., hard hat, shoes, glasses, gloves, safety vest)

PHYSICAL REQUIREMENTS

- Substantial lifting (up to 50 pounds) is required
- Ability to stand, walk and bend for extended or continuous periods of time
- Ability to access multi-level facilities, ladders and scaffolds
- Ability to work in confined spaces

KNOWLEDGE, SKILLS, ABILITIES, AND OTHER WORK REQUIREMENTS**Knowledge**

Moderate knowledge of:

- * work practices and standards relating to pipe insulator trade
- *properties and characteristics of pipe insulating materials
- *applicable safety practices and procedures

Knowledge of applicable City and department policies, procedures, rules, and regulations

Skills

- ACTIVE LISTENING - Give full attention to what other people are saying, take time to understand the points being made, ask questions as appropriate, and not interrupt at inappropriate times
- EQUIPMENT MAINTENANCE - Perform routine maintenance on equipment and determine when and what kind of maintenance is needed
- *INSTALLATION - Install equipment, machines, wiring, or programs to meet specifications
- *REPAIRING - Repair machines or systems using the needed tools

Abilities

- COMPREHEND ORAL INFORMATION - Listen to and understand information and ideas presented through spoken words and sentences
- SPEAK - Communicate information and ideas in speaking so others will understand
- COMPREHEND WRITTEN INFORMATION - Read and understand information and ideas presented in writing
- WRITE – Communicate information and ideas in writing so others will understand
- REASON TO SOLVE PROBLEMS – Apply general rules to specific problems to produce answers that make sense

Other Work Requirements

- INITIATIVE - Demonstrate willingness to take on job challenges
 - STAMINA - Demonstrate energy and stamina to accomplish work tasks
 - DEPENDABILITY - Demonstrate reliability, responsibility, and dependability and fulfill obligations
 - ATTENTION TO DETAIL – Pay careful attention to detail and thoroughness in completing work tasks
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CLASS TITLE: ASBESTOS WORKER/ PIPE INSULATOR

All employees of the City of Chicago must demonstrate commitment to and compliance with applicable state and federal laws, and City ordinances and rules; the City's Ethics standards; and other City policies and procedures.

The City of Chicago will consider equivalent foreign degrees, accreditations, and credentials in evaluating qualifications.

* May be required at entry.

City of Chicago
Department of Human Resources
October, 2014