



**Code: 4401**

Family: Construction, Maintenance, and Skilled Labor

Service: Construction and Maintenance

Group: Building Maintenance and Operation

Series: Masonry Trades

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## **CLASS TITLE: BRICKLAYER**

### **CHARACTERISTICS OF THE CLASS**

Under supervision, lays bricks and concrete blocks for a variety of construction and repair projects, and performs related duties as required

### **ESSENTIAL DUTIES**

- Reviews blueprints, work orders, and written instructions in order to plan work and order tools and materials for construction or repair projects
- Uses bricks, tile, and concrete blocks to build or repair walls, floors, appurtenances, and related masonry structures
- Spreads mortar to serve as base for laying bricks
- Applies mortar to brick and positions brick in mortar base
- Levels, aligns, and embeds brick using trowels, levels, air hammers, and related tools
- Cuts brick to size
- Instructs and directs laborers in the loading and unloading of trucks, the mixing of mortar, and the setting up of scaffolding on the job site
- Maintains project time and material records and prepares related reports

**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 bricklayer apprenticeship training program and journeyman status; or an equivalent combination of education, training, and experience

#### **Licensure, Certification, or Other Qualifications**

- None

### **WORKING CONDITIONS**

- Exposure to outdoor weather conditions
- Exposure to loud noise, fumes or dust
- Exposure to hazardous conditions (e.g., construction sites, heavy machinery)
- Work performed in cramped or confined locations
- Work performed above or below ground level
- Work performed using scaffolds and ladders

### **EQUIPMENT**

- Personal protective equipment (e.g., hard hat, shoes, glasses, gloves, vest, pads)
- Safety devices or equipment (e.g., cones, barricades, metal plates, scaffolding, ropes)

- Ladders
- Standard tools and equipment of the cement masonry trade (e.g., trowels, floaters, screeds)
- Standard power and hand tools and equipment of the bricklaying trade (e.g., tuck pointing grinders, dry cutting and shrouded saws, chisels, wire brushes, pointing trowels)

### **PHYSICAL REQUIREMENTS**

- Substantial lifting (up to 50 pounds) is required
- Ability to walk and stand for extended or continuous periods of time
- Ability to quickly bend, stretch, twist, or reach out with one's body, arms, and/or legs
- Ability to climb staircases, ladders, and/or step stools
- Ability to access difficult to enter spaces (e.g., roofs, basements, tanks, field equipment, cramped quarters)
- Ability to operate applicable hand tools, power tools, and equipment
- Ability to tolerate heights while working

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

#### **Knowledge**

Moderate knowledge of:

- \*applicable hand and power tools and masonry equipment (e.g., trowels, floaters, screeds)
- properties and characteristics of masonry materials
- \*masonry construction and masonry repair and maintenance principles, theory, methods, and procedures
- \*use of safety equipment and protective gear
- applicable safety and code standards specific to the masonry trade, including OSHA standards

Some knowledge of:

- building material disposal methods, practices, and procedures

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

#### **Skills**

- \*ACTIVE LEARNING - Understand the implications of new information for both current and future problem-solving and decision-making
- \*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
- \*CRITICAL THINKING - Use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions, or approaches to problems
- \*COORDINATION WITH OTHERS - Adjust actions in relation to others' actions
- \*EQUIPMENT SELECTION - Determine the kind of tools and equipment needed to do a job

**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
- RECOGNIZE PROBLEMS - Tell when something is wrong or is likely to go wrong
- SPATIAL ORIENTATION - Know one's location in relation to the environment or to know where other objects are in relation to one's self

**Other Work Requirements**

- INITIATIVE - Demonstrate willingness to take on job challenges
- STAMINA - Demonstrate energy and stamina to accomplish work tasks
- ADAPTABILITY/FLEXIBILITY - Be open to change (positive or negative) and to considerable variety in the workplace
- 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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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.

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City of Chicago  
Department of Human Resources  
(Valtera Corporation)

Date: May, 2010