

Spec. Code: 3056  
Occ. Area: 14  
Work Area: 023  
Prom. Line: none  
Prob. Period: 6 mo.  
Last Action: New  
Effective Date: 08-01-08

## **Building Heat/Frost Insulator**

### Function of Job

Employees in this classification perform skilled work in the trade of Heat/Frost Insulator. They work under direct supervision from a designated supervisor. They apply thermal insulation and its protective finishes to a wide variety of mechanical systems such as high pressure steam and chilled water piping, valves, boilers, heating, ventilating or cooling ducts; industrial air pollution control equipment; commercial buildings; or other similar systems.

### Characteristic Duties and Responsibilities

A Heat/Frost Insulator typically –

1. Performs duties peculiar to and normally required in the trade of Heat/Frost Insulator (i.e. stapling, tacking, pasting, wiring, taping, spraying, etc.), following recognized procedures and techniques for such work.
2. Assigns and directs the work of apprentices.

### **MINIMUM ACCEPTABLE QUALIFICATIONS:**

#### **CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER**

1. High School Graduation or GED
2. A. Certificate of completion of apprenticeship as a Heat/Frost Insulator under a registered Bureau of Apprenticeship and Training program

OR

- B. Experience sufficient to qualify as a journeyman Heat/Frost Insulator, with a minimum of four (4) years of actual work in the trade, which may have included apprenticeship and/or applicable vocational training. *The trade for this purpose shall include work normally performed by Heat/Frost Insulator, Insulator, Mechanical Insulator, Insulator Mechanic, Mechanic Insulator Installer, Heat and Frost Estimator or a similar title/occupation.*

## PERSONAL ATTRIBUTES TO UNDERTAKE JOB

1. Knowledge and basic understanding of algebra and geometry
2. Knowledge of general science and/or physics
3. Knowledge of mechanical drawing
4. Knowledge of the proper use and care of respirators
5. Thorough knowledge of heat transfer, condensation control, and insulation material characteristics
6. Ability to work independently and/or as part of a team
7. Ability to understand and follow instructions
8. Ability to interpret documents and blueprints
9. Ability to make calculations to determine measurements and specifications for the materials they apply and budget estimate for project purposes
10. Ability to work with machinery, hand tools, and power tools
11. Ability to work at heights (on ladders and scaffolds) and in confined spaces
12. Ability to lift heavy objects