

# **ASBESTOS WORKER (HEAT & FROST INSULATOR)**

## **Nature of the Work**

Asbestos worker apprentices are trained to become expert insulation mechanics with the competitive skills necessary to meet current and future industry needs. The work covers industrial, commercial, and transportation applications, as well as the expanding field of cryogenics, which involves the use of liquefied gases. Industrial applications include such areas as the chemical process and petrochemical industries. Commercial work covers building insulation, and refrigerated spaces. Transportation includes the insulation of ships, trucks, trailers, and railroad cars. Modern insulation relies on such materials as fiberglass, cork, armafex, foam, mineral fiber, urethane, calcium silicate, etc. Specially trained asbestos workers are used to remove asbestos and other insulation materials used in the past that can be hazardous.

## **Working Conditions**

Work is done outside or inside in every weather condition imagined. Most of the work requires the ability to climb ladders and work from scaffolds. Climbing and balance, which includes lifting, carrying and stooping varies with each job. All workers are required to follow strict safety guidelines.

## **Interest and Personal Qualities**

Persons interested in becoming an insulator must have mechanical ability and the ability to follow instructions. The apprentice will be working with a mechanic member and must have a good working knowledge of math, must enjoy working with one's hands and have the desire to think for themselves without constant supervision.

## **General Qualifications**

- Minimum age – 18
- Good physical condition – must be able to perform the work of the trade
- Minimum education – high school graduate or equivalent

## **Admission Requirements of the Joint Apprenticeship and Training Committee**

- Birth Certificate
- Physical exam required
- Personal interview
- Credit for experience
- Grade Transcripts
- Drug and alcohol test
- Valid MI driving license

## **Terms of Training**

- Four/Five year apprenticeship
- Classes January through May, Saturdays
- 144 hrs/classroom/year
- 1600 hours on the job worked/year for advancement to next level
- Courses include, pattern cutting, math, scaffold building, metal cutting, blueprint reading, sheet metal layout, and safety training

## **Recommended High School Courses**

English, General Math, Algebra 1, Geometry, Trigonometry, Mechanical Drawing, General Science and Vocational Training.

## **Contact Information / Available Applications**

Heat & Frost Insulators and Asbestos Workers J.A.T.C.  
P.O. Box 70039  
Lansing, MI 48908  
Phone # for Applications: 989-799-5780  
Wade Burch, Training Coordinator  
Craig Grigonis, Career Opportunity Consultant  
Phone: 989-799-5780

All applicants are afforded equal opportunity without regard to race, religion, color, sex, national origin, age or disability.