

**Oregon/SW Washington Heat and Frost Insulators & Asbestos Workers JATC**  
11145 NE Sandy Boulevard  
Portland, Oregon 97220  
(503) 255-5124

MA#1052  
DOT Sym: 0110  
DOT:869-664.014  
Date of this notice: April 3, 2006

**APPRENTICESHIP**  
ANNOUNCEMENT

This Public Notice is to inform you that the OR-SW WA HEAT AND FROST INSULATORS & ASBESTOS WORKERS JOINT APPRENTICESHIP AND TRAINING COMMITTEE (JATC) will be accepting applications for the following trade:

**HEAT AND FROST INSULATOR**  
Union

**Applications will be accepted 7:00am to 3:00pm, Monday through Friday**

**GEOGRAPHICAL AREA:**

This is the area in which employers that participate in this program are located: State of Oregon and the counties of Clark, Klickitat, Skamania, Cowlitz, and Wahkiakum in the State of Washington.

**MINIMUM QUALIFICATIONS:**

1. Be the age of eighteen (18) years, and provide proof of age.
2. Be a high school graduate, or GED equivalent, and provide transcripts or GED test scores.

Required documentation must be submitted within 90 days of application.

**NOTE:** All applicants meeting minimum qualifications will be notified by mail of an interview with the apprenticeship selection committee. Those applicants selected for the eligibility list will be required to be capable of lifting 50 pounds from the floor and carrying it 50 feet.

**TO APPLY:**

GO DIRECTLY TO:

**HEAT AND FROST INSULATORS & ASBESTOS WORKERS LOCAL #36 APPRENTICESHIP  
OFFICE  
11145 NE SANDY BLVD.  
PORTLAND, OR 97220  
(503) 255-5124  
Hours: 7:00 to 3:00 PM**

***WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY***

*Veterans that have GI Benefits may use them in this program.  
(Benefits expire 10 years after discharge)*

***This program is registered with the Oregon State Apprenticeship & Training Council and  
the Washington State Apprenticeship & Training Council***

**DESCRIPTION OF WORK:**

6,800 hours (approx. 4 years) on-the-job training will be required to complete this program.

Heat and frost Insulators install thermal insulation and protective finishes to a variety of mechanical systems. These systems include piping, boilers, and heating & air conditioning systems. Heat and Frost Insulators also apply a number of protective coatings to insulation materials such as mastics, plastics, aluminum and stainless steel. Workers must have a thorough knowledge of heat transfer, condensation control, and insulation materials.

The work is done both indoors and outdoors around equipment that ranges from 200 degrees below zero to 1600 degrees above. This equipment creates extreme hot and cold temperatures. Much of the work is done from scaffolding, ladders, and mechanical lifts. Hazards include exposure to dusts and fumes. Workers in this trade must be prepared to travel to work sites in Oregon and SW Washington utilizing their own transportation.

**WORK PROCESSES:**

The work processes to be learned and the approximate hours required for each are:

a.	Piping Insulation	2,000 hours
b.	HVAC Insulation	1,600 hours
c.	Tank and Vessel Insulation	800 hours
d.	Boiler and Related Component Insulation	800 hours
e.	Mechanical Equipment Insulation	800 hours
f.	Specialty Items	<u>800 hours</u>
	<b>TOTAL</b>	<b>6,800 hours</b>

**RELATED TRAINING:**

Approximately 144 hours of related classroom training will be required each year including: Introduction; Use and care of tools; Material handling and identification; Thermal Insulation; Insulation material application; Protective coatings; finishes and jacketing fabrication and application; Blueprint and Spec reading; Mechanical system identification; Safety; and First Aid.

Classes are held at the Heat and Frost Insulators & Asbestos Workers Local #36 Training Facility - Portland, Oregon

**WAGE SCHEDULE:**

The average wage for those journeyman employed by the participating employers in this occupation is \$32.88 per hour effective May, 2007 plus fringes

The progressive wage rate to be paid the Apprentice is:

1 <sup>st</sup> and 2 <sup>nd</sup> period	1,700 hours	55% of average wage
3 <sup>rd</sup> and 4 <sup>th</sup> period	1,700 hours	65% of average wage
4 <sup>th</sup> and 5 <sup>th</sup> period	1,700 hours	75% of average wage
7 <sup>th</sup> and 8 <sup>th</sup> period	1,700 hours	85% of average wage

**CONTACT PERSON:**

Michael Light - Apprenticeship Coordinator (503) 255-5124