

## Apprenticeship Announcement

This public notice is to inform you that apprenticeship applications will be accepted for the Protective Signaling JATC **Limited Energy Technician Class A** program.

### 2012 Opening Dates

**Year Round:** Applications may be downloaded at [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org) or [www.psjatc.org](http://www.psjatc.org) or requested by mail by calling 503-475-6393.

Applications may also be obtained on the following dates at the specified locations.

<p style="text-align: center;"><b><u>January 4, 2012</u></b> ADT Security Services, Inc 2815 SW 153<sup>rd</sup> Drive Beaverton, OR 9700</p>	<p style="text-align: center;"><b><u>February 1, 2012</u></b> Azimuth Communications 9540 SW Tualatin Sherwood Road Tualatin, OR 97062</p>	<p style="text-align: center;"><b><u>March 7, 2012</u></b> Huser Integrated Technologies 1313 NW 17<sup>th</sup> Ave Portland, OR 97209</p>
<p style="text-align: center;"><b><u>April 4, 2012</u></b> United Fire, Health &amp; Safety 4611 NE Martin Luther King Jr. Blvd Portland, OR 97211</p>	<p style="text-align: center;"><b><u>May 2, 2012</u></b> Applied Technical Systems 7015 SW McEwan Road Lake Oswego, OR 97035</p>	<p style="text-align: center;"><b><u>June 6, 2012</u></b> Action Technology Systems 835 SE 17<sup>th</sup> Avenue Portland, OR 97214</p>
<p style="text-align: center;"><b><u>July 5, 2012</u></b> Phillips Electronics 3247 NW 29<sup>th</sup> Portland, OR 97210</p>	<p style="text-align: center;"><b><u>August 1, 2012</u></b> Metro Safety &amp; Fire, Inc. 14324 SE Stark Street Portland, OR 97233</p>	<p style="text-align: center;"><b><u>September 5, 2012</u></b> Wilsonville Lock &amp; Security 8269 SW Wilsonville Road, Suite I Wilsonville, OR 97070</p>
<p style="text-align: center;"><b><u>October 3, 2012</u></b> Quadrant Systems 437 SE Martin Luther King Blvd Portland, OR 97214</p>	<p style="text-align: center;"><b><u>November 7, 2012</u></b> Guardian Systems NW, Inc 12995 SW Pacific Hwy Portland, OR 97223</p>	<p style="text-align: center;"><b><u>December 5, 2012</u></b> Reece Complete Security Solution 25977 SW Canyon Creek Rd, Suite E Wilsonville, OR 97070</p>

### 2012 Closing Dates

**Application Deadlines:** Applications and all supporting documentation must be received by submission deadline:

<b>Submission Deadline:</b>	<b>Interview Dates:</b>	<b>Submission Deadline:</b>	<b>Interview Dates:</b>
January 11, 2012	January 18, 2012	August 8, 2012	August 15, 2012
April 11, 2012	April 18, 2012	October 10, 2012	October 17, 2012

Individual interviews times are scheduled upon verification of applicant's minimum qualifications.

### Application Process

1. Completed applications must be mailed to: Protective Signaling JATC  
PO Box 1837  
Oregon City, OR 97045
2. Application and all supporting documentation must be submitted at least one week prior to the scheduled interview date. Applications missing documentation may be resubmitted during subsequent application periods.
3. Applicants meeting minimum qualifications will be contacted to schedule a required interview with the Protective Signaling JATC committee.
4. The application and interview scores will be combined to determine placement in the ranked pool.
5. Applicants will be notified of their score by mail or e-mail.
6. All applications will expire after 2 years and applicants will need to reapply.

### Minimum Qualifications

1. Must be at least 17 years of age to apply and may not be registered until they are at least 18 years of age.
2. Must be a high school graduate or have obtained the equivalent GED certificate.
3. Must have completed one year of high school algebra, integrated math 2, or equivalent post-high school algebra course(s) with a grade of C or better, or submit equivalent math placement test scores.
4. Documentation of the requirements listed above must be submitted with application.

### Additional Documentation

1. Qualifying applications will be reviewed and scored according to the published application point system (available at [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org) or upon request).
2. Points will not be given unless the applicant provides supporting documentation (including, but not limited to: diploma, school transcripts, course certificates, DD214, work experience and valid driver's license.)
3. Selection procedures are documented in the Protective Signaling JATC Standards registered with BOLI Apprenticeship and Training Division. (Available at [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org) or upon request).

Veterans who qualify for GI Educational Benefits may use them in this program.

**WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY**

## **Apprenticeship Announcement**

### **Limited Energy Technician Class A**

#### **Description of Work**

This is a 6,000 hour (approximately three year) on-the-job training apprenticeship program. Apprentices will learn to install, maintain, replace and repair electrical systems and equipment of fewer than 100 volts-amperes. The work may include: basic telephone cable installation and termination; telephone station and control equipment installation for telephone systems; installation, field service and repair of fire alarm systems, intrusion/burglar alarm systems, audio/visual systems, boiler system, closed-circuit television, central control systems, nurse call and emergency call systems, communications systems, intercoms, sound and public address systems, fiber optics, programmable and controlling instruments, local area networks, and structured wiring systems.

#### **Working Conditions**

Limited Energy Technician apprentices will work indoors and outdoors in all types of weather. Working conditions may include confined crawl spaces and extreme heights. The work may require standing, bending, lifting, reaching, and ladder climbing. Tools used include electrical metering devices, cable pulling devices, and electrical hand tools

#### **Work Processes**

The work processes to be learned and the minimum hours required for each are as follows:

Limited Energy Installations (3,000 on-the-job training hours)

Stock room and materials (shop, service); Limited energy wiring (installation, wire pulling, splices, conduit, flex, tray and duct, control panels and controls, wiring devices, removal and finish work); Troubleshooting and maintenance; Outdoor installation (overhead and underground)

Limited Energy Applications (3,000 on-the-job training hours)

Protective Signaling (750 on-the-job training hours) – includes: fire alarms, nurse call, security;

Communications Systems – includes: data telecommunication, intercom, paging;

Specialized Control Systems – includes: HVAC, medical, boiler, clock, instrumentation

#### **Related Training**

A minimum of 144 hours of related training (3 classes) shall be required for each year the apprentice is in the program. Related training classes will be held at Clackamas Community College in Oregon City. Classes are taken as assigned by the program coordinator. Related training includes the following subjects: electrical mathematics; safety & accident prevention; care and use of hand and power tools; blueprint reading and electrical symbols; introduction to the National Electrical Code; electrical fundamentals and basic theory; electrical measuring devices; wiring methods; related electrical statutes and rules; fundamentals of electronics; transformers; lighting circuits; basic mechanics; applied physics and theory; fire and life safety systems; communication systems; and specialized controls systems.

Current cost of related training per class is: tuition - \$290.00 and books – approximately \$125.00

#### **Wages**

Apprentices are guaranteed a starting wage of at least 50% of the average journeyman wage. The average wage for journeymen employed by employers participating in the Protective Signaling JATC is \$24.48 per hour (effective May 1, 2011). Wages increase as the apprentice progresses through the program according to the published wage progression (see [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org)).

#### **Employers**

Employers approved by this program are located in the following Oregon Counties: Clackamas, Multnomah, Washington, and the north half of Yamhill.

Veterans who qualify for GI Educational Benefits may use them in this program.

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

This program is registered with the Oregon State Apprenticeship & Training Council and recognized by the Bureau of Labor and Industries. Program standards are available upon request or at [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org).  
(Protective Signaling JATC – MA#1100 – Phone: 503-475-6396 – [www.psjatc.org](http://www.psjatc.org))

Update: 11/15/11