

## Relay Tech Apprentice or Journeyman

**Tracking Code** 1693

**Job Location** Payette, ID

**Salary** \$26.18 – 38.69 (non-exempt)

**Application Deadline** 2/21/2012 (5:00 p.m. MST)

### Job Description

The Relay Technician Apprentice/Journeyman ensures secure operation of the interconnected electrical power system by installing, commissioning, troubleshooting, repairing, testing, and maintaining power system monitoring equipment, SCADA RTUs, remedial action schemes (RAS), and protective relay, control, and communication systems.

Typical duties include providing both routine and emergency testing; performing maintenance and repair on power system protective relaying, monitoring, and communications equipment; ensuring that all transmission system operations are analyzed for cause and proper operation, and implementing corrective actions as required in coordination with System Protection Engineering; interpreting and analyzing power, control, and communication system test data; calibrating power system monitoring equipment, transducers, and protective relays; reading and properly interpreting substation drawings (e.g., single line drawings, AC and DC schematics, panel wiring diagrams, and panel layout drawings); installing, terminating, and testing fiber-optic circuits; testing instrument transformers; working as a member of project teams to assist with scoping, detailed design review, shop panel testing, project construction, and commissioning; responds to power system emergencies, and being available to stand after hours system support-on-call.

***The successful candidate for this position will be required to complete scheduled compliance training and submit to periodic background investigation as mandated by NERC.***

### Required Skills

**Knowledge of:** Electricity & electronics, math through trigonometry; hand and power tool operation; understanding of test equipment operation, i.e. DVM, Oscilloscopes; computer operating systems and computer serial communications; power system test equipment; substation operations; power flow, symmetrical components, power system fault analysis; protective relays, rotating machines, transformers, capacitors, reactors, control systems, instrument transformers; digital communications; computer networks; OSHA regulations; MSDS; the CARES program and Safe Work Practices (IPC Safety Manual); and other company regulations and policies.

**Skills in:** Troubleshooting circuits and systems; operating test equipment; organization and time management; training on topics ranging from theory to hands-on applications; and writing technical reports.

**Ability to:** Read and understand station drawings; properly correct and document changes to station drawings; establish and maintain effective working relationships; work independently and be self motivated and flexible; meet project deadlines; apply established guidelines and use good judgment and initiative in resolving work problems.

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To be considered for this position, please visit our website at [www.idahopower.com/careers](http://www.idahopower.com/careers) and complete our online application. If you have questions, or require assistance or accommodation to complete the online application, please contact us at:

**Phone:** (208) 388-2965 or **E-mail:** [jobs@idahopower.com](mailto:jobs@idahopower.com)

***Idaho Power is an Equal Opportunity Employer.***

## Required Experience

### MINIMUM REQUIREMENTS (Apprentice)

To participate in the program, each apprentice must be at least 18 years of age and meet the following minimum qualifications:

- **Education/Experience:** High school diploma or GED  
**AND**
  - Associate's degree in electronics  
**OR**
  - An equivalent combination of appropriate education and experience that provides the desired knowledge, skills, and abilities.
- **Licenses and Certifications:** Valid driver's license with an acceptable driving record based on driving requirements for the position.
- **Physical Ability:** Be physically able to perform all essential job functions without posing a direct threat of harm to self, others, or property.

### PREFERRED REQUIREMENTS

**Education:** Associate of applied science degree **OR** completion of a vocational or technical course of study in electronics or military advanced electronics training.

**Experience:** Prior experience working with protective relay, control, and communication systems.

**Licenses/Certifications:** Valid First Aid/CPR card; BAT certified Relay Technician.

## Competencies

Safety Awareness, Applied Learning, Communication, Decision Making, Adaptability, Quality Orientation, Managing Work (includes Time Management), Contributing to Team Success, Innovation, Stress Tolerance

## Additional Requirements

Successful candidate will be required to enroll in the IPC Relay Apprenticeship Technician Training Program, and be on-call and available 24 hours a day up to 50% of the time as required by supervisor. Must live within 30 miles of the Operations Center and within the IPC service area.