



# JOB ANNOUNCEMENT No. 08-261-7512

**DATE POSTED:** 09/26/08

**DEADLINE TO APPLY:** 10/10/08

**JOB TITLE** ..... Communications Technician Apprentice, Journeyman  
**LOCATION**..... Twin Falls Operation Center, Twin Falls, ID.  
**HOURLY RATE** ..... **Apprentice:** \$23.65 – \$29.57; **Journeyman:** \$29.57 - \$36.96  
*The individual selected will be placed in a level of the job based on his/her qualifications.*

### JOB SUMMARY

The Communications Technician ensures secure operation of the interconnected electrical power system by installing, commissioning, troubleshooting, repairing, testing, and maintaining communications systems. Communications systems include: microwave, power line carrier, telephone, fiber optics, leased circuits, mobile radio systems, and other associated electronic equipment.

### EXAMPLES OF DUTIES

*The following is a representative list—other duties may be required.*

**As an Apprentice, the following duties will be performed while being supervised by a Journeyman Communications Technician and/or a Communications Leader.**

- Installs, troubleshoots, and repairs two-way mobile radios.
- Ensures all communications system trouble alarms are analyzed for root cause, and system service is restored or maintained, in coordination with System Communications Engineering.
- Performs testing and maintenance of power line carrier systems.
- Performs scheduled inspections and maintenance routines to evaluate the status and performance of the interconnected power system communications grid, in accordance with NERC standards.
- Performs testing, installation, commissioning, and maintenance of microwave and fiber-optic equipment.
- Performs communications site maintenance, including battery and emergency power systems.
- Maintains the communications database (CommData) with new equipment, test data, new test plans, and schematic changes.
- Provisions microwave communication channels.
- Works as a member of project teams to assist with scoping, detailed design review, shop panel testing, project construction, and commissioning.
- Responds to system emergency situations after normal business hours in call rotation.

### BASIC REQUIREMENTS

**Education**..... Associate of applied science (AAS) degree in electronics, *or* an equivalent combination of appropriate education and experience that provides the desired knowledge, skills, and abilities.

**Experience** ..... **Journeyman:** Five or more years of demonstrated experience working in the electronics communications industry in a maintenance capacity.

**Licenses/Certifications**..... Valid driver’s license.

### KNOWLEDGE, SKILLS, ABILITIES, COMPETENCIES, AND OTHER QUALIFICATIONS

**Knowledge**..... Digital and analog microwave system maintenance and troubleshooting; base station and two-way radio system maintenance; installation, testing, and maintenance of fiber

optic systems; associated tools and test equipment; acceptance testing of leased four-wire telephony circuits; mathematics of power measurement; Supervisory Control And Data Acquisition (SCADA) system operation and trouble isolation.

- Skills** ..... Troubleshooting techniques, proficient use of test equipment for evaluating communications equipment performance; effective use of schematics and diagrams; proficient use of power and hand tools, such as crimpers, wire cutters, strippers, and splicers; use of computer operating systems and computer serial communications.
- Abilities** ..... Properly correct and document changes to communications schematics and maintain maintenance databases in CommData; work in a team environment, as well as be self-directed when necessary; work with a high degree of accountability to meet operations, regulatory, and organizational requirements.
- Competencies**..... Safety awareness; adaptability; decision-making; applied learning; communication; managing work (including time management); contributing to team success; quality orientation; innovation; stress tolerance.
- Licenses/Certifications**..... Valid First Aid/CPR card, or ability to obtain within 90 days of employment.
- Physical Ability**..... Applicant must have the physical ability to: bend, stoop, squat, crouch, crawl, ascend, and descend ladders and communication towers; twist, kneel, and balance; reach and occasionally lift items weighing up to 60 pounds above shoulder level; lift and move items weighing up to 60 pounds waist-high and knee-high; push/pull using exertion force greater than 50 pounds; carry items weighing up to 60 pounds with two hands; carry items weighing up to 30 pounds with one hand; work in remote stations or sites in inclement weather conditions; operate a snowmobile or an all-terrain vehicle (ATV) to access facilities in winter or spring thaw conditions; hike up to one mile into remote communications sites with snowshoes during winter months; operate foot controls; use hand manipulation to grasp hand tools; use fine-hand manipulation to operate hand tools, a computer keyboard, etc. Applicant must be able to perform the essential functions of the job without posing a direct threat of harm to self, others, or property.
- Job placement is contingent upon successful completion of a pre-authorization post-offer Functional Capacity Assessment (FCA).**

### ADDITIONAL REQUIREMENTS

Must live within the defined boundaries of the Southern Region stations territory (specific information is available from the hiring supervisor); enrollment in the Idaho Power Communications Technician Apprenticeship Training Program within the first 6 months. Completion of certain Idaho Power Relay Technician Training Program blocks within the first two years of employment to enable standing call rotation. Successful applicant will be required to cross train with relay technicians before going on-call. If a First Aid/CPR card is not obtained within the specified 90-day time frame, corrective action, up to and including termination of employment, may result.

### APPLICATION PROCESS

Submit the appropriate form and any additional information (e.g., training records, résumé, etc.) to Human Resources.

**External Applicant** ..... Idaho Power Company will not provide sponsorship for obtaining an employment visa, such as an H-1B visa. Submit an *Idaho Power Employment Application*, available at [www.idahopower.com](http://www.idahopower.com).

**Internal Applicant**..... Submit a Position Consideration Request, available on *the Spillway*.