

**JOB DESCRIPTION**  
**VIRGINIA PUBLIC UTILITIES**

Date Updated 05/19/05 Approved by \_\_\_\_\_

**Bargaining Unit** AFSCME Local 729  **Non-Bargaining**  
**Occupational Seniority Group:** Power Plant Maintenance

I. **TITLE:** PLANT ELECTRICIAN

II. **RATE OF PAY:** Pay Grade 21 As Per Bargaining Unit Agreement  
(90% of listed rate for first 6 months of employment for new employees)

III. **REPORTS TO:** SUPERVISOR-PLANT MAINTENANCE

IV. **RESPONSIBILITIES** (not meant to be inclusive of all duties to be assigned):

This individual is responsible for performing skilled tasks in the maintenance, repair, alteration and installation of a variety of electrical systems, equipment and fixtures in the power plant.

- Installs, maintains and repairs wiring and lighting systems in and around buildings.
- Checks, cleans, repairs electrical switches, starters, and motors.
- Lays out and runs conduit and electrical circuits.
- Operates testing equipment.
- Repairs and maintains ash hoist elevators.
- Maintains battery bank in clean condition and good charge.
- Works with other personnel on major maintenance programs.
- Performs other related work as assigned.

V. **WORK SCHEDULE:**

- Generally day shift
- May be asked to work extra shifts, call outs, or trouble call duty.
- Must be able to meet the reasonable response time as specified in the current AFSCME contract.

VI. **MINIMUM QUALIFICATIONS:**

1. Educational
  - Graduation from high school or equivalent required.
  - Completed an approved electrician school and four years of electrician experience; or completed an approved four-year apprenticeship and two years experience as an Electrician; or successful completion of Utility four-year Apprenticeship Program.
2. Knowledge and Experience
  - Thorough knowledge of safe electrical practices and hazards of occupation.
  - Good knowledge of the principles of practical electricity as applicable to a Power Plant.
  - Thorough knowledge of standard tools, materials, methods and practices of the electrical trade.
  - Knowledge of Federal, State and local electrical codes.
  - Ability to work from sketches, blueprints and penciled layouts.
  - Skill in use of tools, materials, testers and equipment used in electrical trade.
  - Should have an analytical mind to be able to solve problems of both a technical and operational nature.
  - Should have good communication skills.
3. Required Licenses, Certifications, Training
  - See above under Educational.
4. Other
  - Ability to understand and carry out written and oral instructions.
  - Should be able to get along with individuals at all levels, both inside and outside the Department.
  - Must be able to deal with customers with unfailing courtesy and tact.
  - Must be able to perform the duties of the position.
  - It is desirable an individual be promotable to positions of higher responsibility.

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**VII. PHYSICAL REQUIREMENTS** are those necessary to successfully perform the essential functions of this job:

1. While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel objects, tools, or controls; reach with hands and arms; stoop, kneel, crouch, or crawl; and talk or hear.
2. The employee frequently is required to stand and climb or balance.
3. The employee is occasionally required to walk, sit, and taste or smell.
4. The employee must regularly lift and/or move up to 10 pounds, frequently lift and/or move up to 25 pounds, and occasionally lift and/or move up to 50 pounds.
5. Specific vision abilities required by this job include close vision, distance vision, color vision, depth perception, and the ability to adjust focus.

**VIII. WORK ENVIRONMENT** are those encountered while performing the essential functions of this job:

1. While performing the duties of this job, the employee is regularly exposed to risk of electrical shock.
2. The employee frequently works near moving mechanical parts and is frequently exposed to extreme heat.
3. The employee occasionally works in high, precarious places and in outside weather conditions and is occasionally exposed to fumes or airborne particles, extreme cold, and vibration.
4. The noise level is occasionally moderate.