



SC – PAY GRADE 26

## **FACILITIES ENGINEER**

### **DUTIES AND FEATURES OF THE CLASS:**

The employee in this class is an engineering professional responsible for project planning, design and construction administration in the field of electrical and mechanical systems and associated system integration ensuring that all mechanical/electrical installations and modifications are National Electrical Code (NEC)/National Fire Protection Association (NFPA) compliant. Work is performed under the general supervision of the County Engineer.

### **EXAMPLES OF WORK:**

Budgets and plans all Mechanical and Electrical (M&E) projects; produces design drawings and specifications, cost estimates and tracking; performs contract administration for major and minor M&E projects; oversees the work of licensed electricians and HVAC technicians; provides technical assistance to Consulting Engineers; develops and maintains M&E asset management programs.

### **REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:**

Thorough knowledge and experience in either building systems, mechanical or electrical engineering; familiarity with the NEC, FAA; NFPA regulations and the Sussex County Building Code; research expertise, ability to program control devices; ability to compile technical standards; excellent problem solving and trouble shooting skills; knowledge of applicable safety standards associated with M&E equipment; ability to establish and maintain effective working relationships with representatives from other agencies, staff, department heads, and demonstrate a strong work ethic.

## **QUALIFICATIONS:**

Minimum of a Bachelor's Degree in Mechanical or Electrical Engineering and registration as a Delaware Professional Engineer (PE) with 10-years of progressively responsible industrial electrical and/or mechanical work experience that provides the required knowledge, skills and abilities; understanding of FAA Airfield Regulations and 911 Critical System Architecture, possession of a valid state of Delaware Master Electrician General License preferred; proficient in Microsoft Office (Word, Excel, Outlook); excellent verbal and written communication skills; excellent organizational and customer service skills; supervisory experience preferred.

## **ADDITIONAL REQUIREMENTS:**

- Direct Deposit Required
- 35-hour work week (Monday - Friday)
- Pre-Employment Background Screening
- Pre-Employment Drug/Alcohol Testing
- Possession of a valid driver's license
- Alternating 24-hour on-call duties
- Must be willing to occasionally work nights and weekends

Revised 11/2016