



## **CLASSIFICATION DESCRIPTION**

### **TITLE: UTILITY SYSTEMS MECHANICAL TECHNICIAN I**

#### **GENERAL DESCRIPTION OF DUTIES**

Repairs and maintain machinery, mechanical and electrical equipment such as, motors, pneumatic systems, conveyors, pumps, gearboxes, rotating equipment, use various variety of hand and power tools to perform the following duties:

#### **SPECIFIC DUTIES AND RESPONSIBILITIES**

The list of essential functions, as outlined herein, is intended to be representative of the tasks performed within this classification. It is not necessarily descriptive of any one position in the class. The omission of an essential function does not preclude management from assigning duties not listed herein if such functions are a logical assignment to the position.

- Observes mechanical devices in operation and listens to their sounds to locate causes of trouble.
- Working knowledge of electrical control systems and PLC's.
- Knowledge and use of dial indicators and micrometers.
- Dismantling of devices to gain access to and remove defective parts.
- Inspecting parts for wear or damage.
- Adjust operational parts of devices and control instrumentation to insure proper operation.
- Repair or replace defective parts.
- Lubricate and clean parts.
- Starting and testing equipment.
- Be able to use meters, test fuses, test power, meg motors, troubleshoot and repair electrical equipment.
- Emergency call back duty.

- Assist plant operators in any projects or problems they may be having.
- Performing monthly safety inspections of equipment.

(These essential job functions are not to be construed as a complete statement of all duties performed. Employees will be required to perform other job-related marginal duties as required.)

### **MINIMUM TRAINING AND EXPERIENCE**

High School Diploma or GED; supplemented by one (1) year responsible experience in large scale commercial pumping systems, motors, and electrical equipment or an equivalent combination of education, training, and experience may be considered.

### **LICENSES, CERTIFICATIONS OR REGISTRATIONS**

Valid FL Driver's license. A minimum FLDEP Level 3 water distribution certification requirement within 12 months of City employment.

### **KNOWLEDGE, ABILITIES AND SKILLS**

- Ability to read operating and maintenance instructions, procedure manuals, Electrical and mechanical prints.
- Ability to interpret a variety of instructions furnished in writing or oral form.
- Knowledge of pumps, motors, gearboxes, electrical, plumbing and other applicable equipment.

### **PHYSICAL REQUIREMENTS**

- While performing the essential functions of this job, the incumbent is regularly required to lift, move or carry objects up to 50 pounds; ascend or descend ladders, stairs, scaffolding, ramps. utilize feet and legs or hands and arms to perform their duties.
- While performing the essential functions of this job the employee is occasionally required to push and/or pull over 100 pounds.
- While performing the essential functions of this position the employee is frequently exposed to fumes or airborne particles, toxic or caustic substances, excessive noise, vehicular traffic, dampness, humidity, cold, and hot temperatures.
- While performing the essential functions of this job, the incumbent is regularly exposed electricity, high work areas, confined spaces, moving mechanical parts and machinery.

The City of Palm Coast, Florida is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, The City of Palm Coast, Florida will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.