



## **CLASSIFICATION DESCRIPTION**

**TITLE: MECHANICAL TECHNICIAN I**

**JOB CODE: 7 (Non-Exempt)**

## **GENERAL DESCRIPTION OF DUTIES**

Repairs and maintains machinery and mechanical equipment such as engines, motors, pneumatic tools, conveyor systems, pumps, gearboxes and various rotating equipment of all sizes and types by performing 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 and/or PLC's.
- Knowledge and use of dial indicators and micrometers.
- Dismantles devices to gain access to and remove defective parts.
- Examines form and texture of parts to detect imperfections.
- Inspects used parts to determine changes in dimensional requirements.
- Adjusts functional parts of devices and control instruments.
- Repairs or replaces defective parts. Installs special functional and structural parts in devices.
- Lubricates and cleans parts.
- Start devices to test their performance.
- Able to meg motors, use meters to test fuses, power ohm motors. Repairs electrical equipment.

- Emergency call back and rotating call duty.

(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 public utilities or other 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 State of Florida Driver's license is required.

Reference Certification Master list for eligible certification pay.

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

- Ability to read and interpret documents such as safety rules, operating and maintenance instructions and procedure manuals.
- Ability to add, subtract, multiply and divide in all units of measure, using whole numbers, common fractions and decimals.
- Ability to interpret a variety of instructions furnished in written, oral, and diagram or schedule form.
- Knowledge of pumps, motors, gearboxes, electrical 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, poles; utilize feet and legs or hands and arms; maintain body equilibrium to prevent falling when walking, standing, crouching, or navigating narrow, slippery, or erratically moving surfaces; bend body downward and forward by bending spine and legs; move about on hands and knees or hands and feet; use hands to finger, handle or feel objects; and to reach with hands and arms.
- 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, and dampness/humidity. While performing the essential functions of this job, the incumbent is regularly exposed to possible bodily injury from electrical shock; falling from high, exposed places; confined spaces and moving mechanical parts of equipment, tools, 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.