# Maintenance Technician Competencies

**Required Competencies**

**Safety**
Understands and upholds safe workplace practices.

**Organization**
Conducts general housekeeping and cleanup. Maintains a tidy, organized workspace.

**Work Orders**
Reads and interprets work orders to plan out maintenance activity.

**Task Management**
Understands the sequence of tasks involved in maintenance projects. Coordinates with coworkers to complete these tasks on time and in the right sequence.

**Technical Drawings**
Reads and interprets technical drawings, including dimensions and tolerances.

**Reporting and Record Keeping**
Records maintenance activity in an Enterprise Resource Planning (ERP) system, Computer Maintenance Management System (CMMS), or similar system.

**Basic Mechanical Systems**
Monitors, tests, troubleshoots, installs, and repairs basic mechanical systems.

**Basic Electrical Systems**
Monitors, tests, troubleshoots, and repairs basic electrical systems.

**Optional Competencies (choose 2 or more):**

**Basic Hydraulic Systems**
Monitors, tests, troubleshoots, and repairs basic hydraulic systems.

**Basic Pneumatic Systems**
Monitors, tests, troubleshoots, and repairs basic pneumatic systems.

**Piping & Plumbing Systems**
Monitors, tests, troubleshoots, and repairs piping systems.

**HVAC Systems**
Monitors, tests, troubleshoots, and repairs heating, ventilation, and air conditioning (HVAC) systems.

**Electronic and Process Control Systems**
Monitors, tests, troubleshoots, and repairs basic electronic and process control systems, such as Programmable Logic Controllers (PLCs).

**Robotic Systems**
Monitors, tests, troubleshoots, and repairs robotic systems.

**Maintenance Welding and Fabrication**
Performs maintenance welding and fabrication to manufacture or repair parts, equipment, and other materials.