

Maintenance Technician Competencies

Required Competencies
<p>Safety Understands and upholds safe workplace practices.</p>
<p>Organization Conducts general housekeeping and cleanup. Maintains a tidy, organized workspace.</p>
<p>Work Orders Reads and interprets work orders to plan out maintenance activity.</p>
<p>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.</p>
<p>Technical Drawings Reads and interprets technical drawings, including dimensions and tolerances.</p>
<p>Reporting and Record Keeping Records maintenance activity in an Enterprise Resource Planning (ERP) system, Computer Maintenance Management System (CMMS), or similar system.</p>
<p>Basic Mechanical Systems Monitors, tests, troubleshoots, installs, and repairs basic mechanical systems.</p>
<p>Basic Electrical Systems Monitors, tests, troubleshoots, and repairs basic electrical systems.</p>
Optional Competencies (choose 2 or more):
<p>Basic Hydraulic Systems Monitors, tests, troubleshoots, and repairs basic hydraulic systems.</p>
<p>Basic Pneumatic Systems Monitors, tests, troubleshoots, and repairs basic pneumatic systems.</p>
<p>Piping & Plumbing Systems Monitors, tests, troubleshoots, and repairs piping systems.</p>
<p>HVAC Systems Monitors, tests, troubleshoots, and repairs heating, ventilation, and air conditioning (HVAC) systems.</p>
<p>Electronic and Process Control Systems Monitors, tests, troubleshoots, and repairs basic electronic and process control systems, such as Programmable Logic Controllers (PLCs).</p>
<p>Robotic Systems Monitors, tests, troubleshoots, and repairs robotic systems.</p>
<p>Maintenance Welding and Fabrication Performs maintenance welding and fabrication to manufacture or repair parts, equipment, and other materials.</p>