



**The Manufacturers Association**

**JOB QUALIFICATION STANDARD (JQS)**

**Occupation:** Electrical Technician

**Work Process:** Perform Maintenance

**Practical Hours:** 600 hrs.

**DOL Standard:** Machine Maintenance: Apply a working knowledge of machine maintenance in a manufacturing environment.

**Performance Objective:** Demonstrate the ability to perform the required steps to perform an unscheduled and planned maintenance procedure, in accordance with the company's TPM program and the manufacturer's recommended maintenance procedures.

Performance Indicator	Qualification Date/Initial
Demonstrate the ability to open, interpret and resolve a work order within company specifications.	
Demonstrate the ability to interpret a preventative maintenance procedure for a given machine based on company and manufacturer's recommendations.	
Demonstrate the ability to conduct preventative maintenance tasks, including changing oil, checking fluid levels, tightening machine components, changing filters, checking gaskets and replacing components on a scheduled basis.	
Demonstrate the ability to clean machines using the proper cleaning solutions.	
Demonstrate the ability to conduct predictive maintenance tasks, including the use of the 5 senses, and inspection tools to include vibration analysis, thermography, oil analysis, acoustic analysis and motor control analysis.	
Demonstrate the ability calibrate and maintain equipment and instrumentation.	

<b>Apprentice Signature:</b>	<b>Completed:</b> MM/DD/YY
<b>Mentor Signature:</b>	<b>Completed:</b> MM/DD/YY
<b>Supervisor Signature:</b>	<b>Completed:</b> MM/DD/YY
<b>Comments:</b>	