



The Manufacturers Association

JOB QUALIFICATION STANDARD (JQS)

Occupation: Maintenance Mechanic

Work Process: Preliminary Machine Familiarization

Practical Hours: 500 hrs.

DOL Standard: Machine Operations: Apply a working knowledge of maintenance-related machine operations in one's manufacturing environment.

Performance Objective: Demonstrate the ability to become familiar with machines in order to safely observe and test machine performance against proper operations.

| Performance Indicator | Qualification Date/Initial |
|---|----------------------------|
| Demonstrate the ability to check equipment to verify equipment is ready for operation in accordance with a safety checklist. | |
| Demonstrate the ability to identify machine malfunctions through observations of control panels or other notifications. | |
| Demonstrate the ability to start and stop an operation in accordance with standard operating procedures. | |
| Demonstrate the ability to lockout equipment and test to ensure a zero energy state has been attained. | |
| Demonstrate the ability to use five senses to observe machine operations and vibration to determine if operations is correct. | |
| Demonstrate the ability to recognize symptoms of malfunctions. | |
| Demonstrate the ability to verify for leaks, dirt and loose connections during equipment operations. | |
| Demonstrate the ability to read and interpret pressure gauges, flow meters, fluid levels, temperature gauges, voltages and current. | |
| Demonstrate the ability to use Human Machine Interface (HMI) equipment to monitor machine performance. | |
| Demonstrate the ability to compare machine readings with historical documentation to determine machine is performing within specifications. | |
| Demonstrate the ability to record machine operational data within maintenance logging systems. | |



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| Apprentice Signature: | Completed: MM/DD/YY |
| Mentor Signature: | Completed: MM/DD/YY |
| Supervisor Signature: | Completed: MM/DD/YY |
| Comments: | |