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<-- PRINT SUPERVISOR NAME

Date of Affidavit of  
COMPLETION by  
Supervisor

FINAL COMPLETION:  
Approved Supervisor  
Signature

PRINT Candidate First, Last NAME

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**SKILL-TRADE / PERFORMANCE DUTY (STANDARD)**

**Supervisor -->  
IF N/A ?**

**IF REQUIRED:  
Supervisor Initial**

**Mechanical Systems /**

**SAFETY**

- Identify roles and responsibilities for safety
- Adhere to OSHA, NIOSH, EPA, API & State/Fed Regs.
- Identify and recognize common industrial hazards
- Define & perform Lock-out, Tag-out
- Selection & Use of PPE
- Fall protection
- Rigging procedures & protection
- Identify Fuel source & correct extinguisher
- Identify Machine guards
- Safe storage & disposal – lubricants & chemicals
- Finding, reading & application of MSDS


**MEASUREMENT**

- Use & reading of digital & vernier ... Imperial, Metric ... rules, caliper, mic, gauges
- Define ... resolution, accuracy, repeatability, tolerance
- Identify & select appropriate measurement tool(s)
- Perform Calibration of measurement tool(s)


**ADJUSTMENTS**

**Aligning & Leveling Components**

- Identify Manufacturer specifications
- Align w/ feeler, straight edge, rim & face dial indicators, laser
- Measure speed w/ Tachometer
- **Balance** shaft, shaft assembly(ies) w/ Static and Dynamic Instrumentation




**DOCUMENT FINDINGS - MAINTENANCE**

**PLANNING**

- Documenting Maintenance Procedures
- Identify Manufacturer Maintenance Requirements


**Hydraulic - Pneumatic Systems /**

**SAFETY**

- Identify required machine guards for (hydraulic, pneumatic)
- Identify hazards of pressurized streams (hydraulic, pneumatic)
- Describe safe procedures for de-powering (hydraulic, pneumatic)
- Identify, avoid, hot surfaces


**FLUID POWER SCHEMATICS**

- Identify basic hydraulic components from schematics
- Identify basic pneumatic components from schematics
- Describe the operation and purpose of ... (hydraulic, pneumatic) relief valve(s), needle valve, direction control valves, pressure control valves, pilot check valves, cylinders, motors, pumps, compressors, instrumentation, accumulators, filters
- Identify the flow direction(s), components and operation of (hydraulic, pneumatic) circuits from the schematic
- Interpret (hydraulic, pneumatic) line types from schematic


**STARTUP – SHUTDOWN**

- Demonstrate safe startup and pre-start inspection (hydraulic)
- Demonstrate safe startup and pre-start inspection (pneumatic)
- Demonstrate shutdown sequence (hydraulic) & de-power
- Demonstrate shutdown sequence (pneumatic) & de-power


**OPERATING / ADJUSTING**

- Reading Gauge(s) & Meters
- Identify Manufacturer recommendations
- Controlling/relieving Pressure




