

Job Responsibilities - Preventive Maintenance

- Service a pneumatic filtration system
- Service a diaphragm type pneumatic regulator
- Service a pneumatic lubricator
- Change the oil in a reciprocating air compressor
- Torque the cylinder and case bolts on an air compressor

Job Responsibilities - Assemble Components

- Assemble an air regulator
- Assemble a pneumatic directional control valve
- Assemble a vane type air motor

Job Responsibilities - Field Repairs

- Replace the piston cup packing and rod seals in a pneumatic cylinder
- Replace and adjust the drive belts on an air compressor
- Adjust the pressure settings on an air compressor
- Replace a compressor head gasket and service the valve plate

Job Responsibilities - Major Repairs

- Install an overhaul kit in an air impact wrench

Job Responsibilities - Minor Repairs

- Clear the draincock/drain water on an air receiver
- Inspect and service a concentric ring valve airhead with unloader
- Remove a broken airhead cap screw
- Remove a clean air compressor intercooler tubes
- Replace an air hose clamp type fitting

Job Responsibilities - Replace Components

- Identify component specifications from a model code breakdown
- Identify the components in a circuit schematic
- Make up and install an air piping system with four elbows and a union

Job Responsibilities - Troubleshooting

- Determine why an air cylinder fails to move the load or moves the load too slowly
- Determine why a solenoid operated directional control valve fails to operate
- Determine why an air motor has a low stall torque or fails to reach its rated speed