



# Air Compressor And Pneumatic Tool Maintenance Checklist 2026

## Pre-Operational Safety Inspection

Verify all safety guards are in place, check for visible leaks, and ensure emergency stop buttons are functional before startup.

### Inspection Date

### Safety Guard Status

- ☐ All Guards Secure
- ☐ Guards Missing/Damaged
- ☐ Not Applicable

### Visual Leak Check Areas

- ☐ Air Line Fittings
- ☐ Pressure Relief Valves
- ☐ Tank Drain Valves
- ☐ Hose Couplings

**Current Ambient Temperature (°C/°F)**

Enter a number...

**Inspector Signature**

## Air Compressor Unit Inspection

Detailed checks for the compressor motor, drive belts, lubrication levels, and cylinder head integrity.

**Drive Belt Condition**

- ☐ Good
- ☐ Worn
- ☐ Cracked/Damaged
- ☐ Requires Immediate Replacement

**Oil Level Reading (Liters/Quarts)**

Enter a number...

### Visual Inspection Checklist

- ☐ No visible oil leaks detected
- ☐ Motor mounting bolts are tight
- ☐ Cooling fins are free of debris
- ☐ No unusual vibration or noise

### Observations and Anomalies

Write something...

### Photo of Compressor Motor/Belts

 Upload File

## Pressure Vessel and Tank Integrity

Inspection of the air receiver tank for corrosion, checking pressure relief valves, and verifying drain valve functionality.

### Inspection Date

Enter date...

### Tank Visual Condition

- ☐ Good
- ☐ Corroded
- ☐ Dented/Damaged

### Current Tank Pressure (PSI)

Enter a number...

### Safety Valve Checkpoints

- ☐ Relief Valve Operational
- ☐ No Visible Leaks
- ☐ No Corrosion Detected

### Notes on Tank Integrity Issues

Write something...

### Inspector Signature

## Air Filtration and Moisture Management

Examination of air intake filters, moisture separators, and automatic drain traps to prevent condensate buildup.

### Inspection Date

Enter date...

### Air Filter Condition

- ☐ Clean
- ☐ Dirty - Needs Cleaning
- ☐ Damaged - Requires Replacement

### Moisture Trap Drain Interval (Hours)

Enter a number...

### Maintenance Tasks Performed

- ☐ Filter Element Replaced
- ☐ Air Intake Cleaned
- ☐ Condensate Drain Flushed
- ☐ Moisture Separator Inspected

### Notes on Moisture or Debris Findings

Write something...

### Upload Photo of Filter/Separator Status

 Upload File

### Technician Verification

## Pneumatic Tool & Hose Assessment

Testing pneumatic tools for consistent pressure, inspecting hoses for cracks or abrasions, and verifying secure coupling connections.

### Inspection Date

### Hose Condition Status

- ☐ Excellent
- ☐ Good (Wear Detected)
- ☐ Critical (Requires Replacement)

### Observed Issues

- ☐ Cracks in Hose
- ☐ Leaking Couplings
- ☐ Damaged Tool Housing
- ☐ Clogged Air Inlet

### Measured Operating Pressure (PSI)

### Detailed Findings and Repair Notes

Write something...

### Technician Signature

## Regulator and Gauge Calibration

Checking the accuracy of pressure gauges and ensuring regulators are maintaining the correct output PSI.

### Calibration Date

Enter date...

### Current Pressure Reading (PSI)

Enter a number...

### Regulator Functionality

- ☐ Operational - Pressure Stabilized
- ☐ Fluctuating - Requires Repair
- ☐ Failed - Requires Immediate Replacement

### Gauge Deviation Notes

Write something...

### Technician Verification

## Lubrication and Fluid Levels

Monitoring oil levels, checking for oil mist/leaks, and performing scheduled oil changes as per manufacturer specifications.

### Date of Inspection

Enter date...

### Oil Level Status

- ☐ Adequate
- ☐ Low - Refill Required
- ☐ Critical - Immediate Action Needed

### Amount of Oil Added (Liters/Quarts)

Enter a number...

### Oil Type/Brand Used

Write something...

### Observations of Fluid Leaks or Contamination

Write something...

### Technician Signature

## Electrical and Control Systems

Inspection of wiring, control panels, pressure switches, and electrical connections for signs of overheating or wear.

### Inspection Date

Enter date...

### Control Panel Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor/Needs Repair

### Components Inspected

- ☐ Pressure Switch
- ☐ Emergency Stop Button
- ☐ Wiring Harness
- ☐ Circuit Breakers
- ☐ Control Relays

### Electrical Faults or Observations

Write something...

### Technician Signature

## Post-Maintenance & Cleanup

Ensuring all tools are returned to storage, the work area is clean of debris, and the maintenance log is updated for 2026 compliance.

### Cleanup Completion Notes

Write something...

### Completed Cleanup Tasks

- ☐ Work area wiped down
- ☐ Tools cleaned and stored
- ☐ Spills cleaned/contained
- ☐ Waste/Filters disposed of
- ☐ Safety guards replaced

### Completion Date

Enter date...

### Technician Signature

A large, empty rectangular box with rounded corners, intended for a technician's signature.

### Post-Maintenance Photo

 Upload File

< Previous

> Next

✓ Finish

 Generate Sample Report