



Air Compressor Maintenance Checklist

12 planned preventive maintenance tasks · Free PDF from PM Assist

A practical starting point for planned preventive maintenance. Always refer to the manufacturer's O&M manual and site-specific requirements.

Visual Checks

- ☐ Check compressor oil level and condition (oil-lubricated types)
- ☐ Inspect intake air filter for blockage or contamination
- ☐ Inspect drive belts (belt-driven models) for wear and tension
- ☐ Inspect pipework and joints for leaks

Functional Checks

- ☐ Drain moisture from the receiver tank
- ☐ Check the pressure switch cut-in and cut-out settings
- ☐ Listen for unusual noise or excessive vibration during operation
- ☐ Check compressed air dryer operation (if fitted)

Cleaning & Housekeeping

- ☐ Clean external surfaces and check for oil leaks

Safety Checks

- ☐ Verify the pressure relief valve operates correctly
- ☐ Verify the receiver has a current written scheme of examination

Record Keeping

- ☐ Record running hours, oil condition, and pressure settings

Maintenance Frequency

Daily

- Drain receiver tank condensate
- Check oil level (oil-lubricated models)

Weekly

- Inspect intake filter
- Visual check for leaks and abnormal operation

Quarterly

- Check belt condition and tension
- Test pressure relief valve
- Check dryer operation

Annually

- Full service including oil and filter change
- Inspect receiver under PSSR written scheme
- Electrical inspection
- Pipework leak survey