

5-Step Preventative Maintenance Checklist
Protect Your Compressor Investment



SALES- SERVICE- SUPPORT

This checklist is designed to help you keep your high-pressure compressor systems in peak operating condition. Avoid costly downtime, stay compliant with safety standards, and ensure optimal performance with 5 simple steps.

- Designed for facility managers, operators, and safety directors
- Easy to complete with minimal loss of production

5-Step Preventative Maintenance Checklist



Step 1 - Pressure & Leak Checks

- Check all gauges for proper PSI within operating range
 - Listen for audible leaks during idle
 - Apply leak-detection solution to suspect fittings
 - Confirm pressure retention during shutoff
 - Document any deviations or pressure drops
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Step 2 - Oil & Lubricant Inspection

- Check oil levels in crankcase
 - Look for oil discoloration or particulate matter
 - Change oil according to OEM schedule (or every 1,000 hrs)
 - Inspect and grease pump bearings (if applicable)
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Step 3 - Filters, Coalescers & Air Purity

- Visually inspect filters for clogging
 - Replace coalescing filters per schedule
 - Test air purity (O₂, CO, CO₂, hydrocarbons) for breathing-air systems
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Step 4 - Temperature Monitoring

- Measure outlet and head temperatures
 - Inspect cooling fans and intercoolers
 - Clean buildup from heat-exchange components
 - Check for discoloration around valves
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Step 5 - Documentation & Scheduling

- Record inspection date and technician initials
- Log part replacements and hours
- Set next inspection schedule
- Standardize form across teams if multi-site



Want Us to Handle This For You?

We offer three preventative maintenance plans designed to take the guesswork out of compressor care!

⚙️ Essential (\$1,200/yr): Quarterly inspections, oil change, filter check, 10% off parts

⚙️ Plus (\$1,950/yr): Includes Essential + Air Quality Test + Annual Filter Replacement

⚙️ Premium (\$3,500/yr): Includes Plus + 24/7 Emergency Service + Priority Scheduling

Mention this checklist and get 10% off your first year.

Meet the Experts Behind the Checklist

Compressed Air Partners has served industrial, fire safety, and breathing-air clients across the U.S. with Bauer and high-pressure system expertise for over a decade. We were officially certified as Bauer Industrial Technicians at their Headquarters in Norfolk, Virginia in Spring of 2025.

We build, repair, and maintain systems from 3,000–7,000 PSI—ensuring safety and performance.

**“CAP helped us prevent a major breakdown just weeks after a service check.
They’re our go-to experts.”**

-New York Manufacturing Firm

Contact us at (205) 531-4003 or
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