Compressed Air System Inspection Checklist

Interactive checklist for inspecting compressed air systems in industrial facilities. Tick, comment, export as PDF/Excel, secured by QR code.

Project:	
Date:	
Filled by:	

Compressor Inspection

1	Check the compressor for unusual noises or vibrations.
2	Measure the compressor's operating pressure and compare with specifications.
3	Inspect and clean air filters; replace if necessary.

Dryer Inspection

4	Check the air dryer for proper operation and temperature settings.
5	Inspect moisture separator drains for blockages.
6	Ensure the dryer is maintaining the required dew point.

Piping and Distribution

7	Inspect piping for leaks and corrosion.
8	Verify that all valves operate smoothly and properly seal.
9	Check all pressure gauges for accuracy.

Safety Systems

10	Test the pressure relief valves for proper operation.
11	Ensure safety shut-off systems are functional.
12	Verify that emergency stop buttons are accessible and operational.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Compressed air systems are critical components in many industrial facilities, providing power to various tools and machinery. This checklist guides the inspection of these systems, covering components like compressors, dryers, and piping. A thorough inspection ensures efficiency, safety, and longevity of the system, preventing costly downtimes and accidents. Users can interact with this checklist online by ticking off tasks, leaving comments, and exporting completed reports as PDF or Excel, authenticated with a QR code for traceability.	1. Gather necessary tools: pressure gauges, leak detectors, and maintenance records. 2. Start the interactive checklist by clicking 'Use this checklist'. 3. Tick off each item as you complete it, ensuring a thorough inspection. 4. Add comments to note observations or required actions. 5. Export your completed checklist as a PDF or Excel file with QR code authentication. 6. Review and share the report with stakeholders for record-keeping and further action.