



Smoke Control System Inspection Checklist

Interactive checklist for inspecting smoke control system dampers and fans. Commentable and exportable as PDF/Excel.

Project:

Date:

Filled by:

Pre-Inspection Preparation

1	Gather all necessary tools and safety gear before starting the inspection.
2	Review previous inspection reports and maintenance records.

Damper Inspection

3	Visually inspect all dampers for physical damage or obstructions.
4	Check damper operation by manually opening and closing each unit.
5	Verify electrical connections are secure and free from corrosion.

Fan Inspection

6	Inspect pressurization fans for any signs of wear or damage.
7	Test fan operation under normal and emergency conditions.
8	Ensure all fan speed controls are functioning correctly.

System Testing

9	Simulate a fire condition and monitor system response.
10	Record all findings and discrepancies during the test.

Post-Inspection Review

11	Compile and review the inspection report for any necessary actions.
12	Distribute the report to relevant stakeholders for follow-up.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Inspecting smoke control system dampers and pressurization fans is crucial for ensuring the safety and functionality of building fire protection systems. This inspection includes evaluating the operational readiness of dampers and fans, which are essential for controlling smoke spread during a fire. The process involves checking mechanical components, electrical connections, and system performance under simulated conditions. By following this checklist, inspectors can ensure compliance with safety standards and avoid potential hazards. Users can interact with the online checklist, leaving comments and exporting reports as PDF or Excel, complete with a unique QR code for authenticity.	1. Prepare necessary tools such as a multimeter, smoke generator, and personal protective equipment. 2. Click the "Use this checklist" button to launch interactive mode. 3. Tick each item online as you complete it. 4. Add comments on individual items or the entire checklist. 5. Click Share or Download to download your completed checklist as PDF or Excel. 6. Review and archive the final report, ensuring to distribute it to stakeholders. Use the QR code for authentication and traceability.