



Central Mechanical

An EMCOR Company



**FIRE & SMOKE
DAMPER SERVICES**

**Lower Costs.
Stay Compliant.
Be Prepared.**



As one of the Midwest’s premier full-service mechanical contractors, Central Mechanical Construction offers a firm foundation in heating, ventilation, air conditioning, plumbing, piping, ductwork, utilities, NFPA fire and smoke damper inspection services, and handyman services.

With 50+ years of experience working on commercial, government, institutional, and industrial projects, Central Mechanical’s team of qualified professionals are not only here to build your facility—we’re here to **help make sure your building systems function as efficiently and safely as the day they were installed.**



**CENTRAL MECHANICAL’S
FULL SUITE OF SERVICES
INCLUDES:**

Mechanical services:

Air conditioning

Building service and maintenance

Ductwork

Heating

Industrial and process piping

Plumbing

Utility services

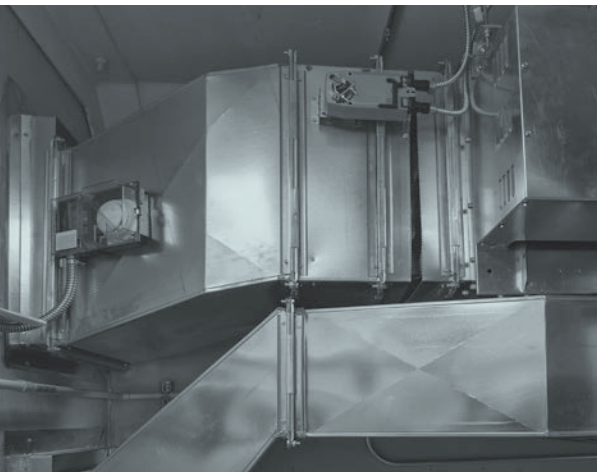
Ventilation

Fabrication/prefabrication

Medical gases

Fire and smoke damper testing, inspection, maintenance, and repair

Preventive Maintenance



**Don’t Leave Safety to Chance,
Test and Maintain Fire and
Smoke Dampers**

Keeping a building’s fire and smoke dampers in excellent working condition should be a main priority of any building owner. In addition to keeping tenants safe, testing and maintenance can help lower costs and ensure State Fire Marshall Compliance. Central Mechanical, a specialty contractor in fire and smoke damper testing, will provide a damper inspection that’s comprehensive and includes all detailed reporting as required by NFPA guidelines.

Our qualified technicians can also perform any necessary repairs that are discovered at the time of inspection. **Central Mechanical's NFPA fire, smoke, and combination damper inspection includes:**

- > Unobstructed access to the damper will be verified and deficiencies reported to the owner.
- > If the damper has a fusible link, the link will be removed for testing to ensure full closure and lock-in-place if so equipped. The fusible link will be reinstalled after the completion of testing.
- > The operation test of the damper needs to verify that there is no damper interference due to rusted, bent, misaligned, or damaged frame or blades, or defective hinges, or parts.
- > The damper frame must not be penetrated by any foreign objects that would affect fire damper operations.
- > The damper must not be blocked from closure in any way.
- > Lubricate all moving parts of the damper.
- > Manually activate electric smoke dampers to ensure that the actuator is operable and to verify full closure of the smoke damper.

- > All inspections and testing will be documented indicating the location of the damper, date of inspection, name of inspector, and deficiencies discovered.
- > The documentation will have space to indicate when and how the deficiencies were corrected.
- > Inspections will be performed by our own Qualified Personnel as required by NFPA guidelines.

Inspections Are More Than Just a Good Idea, They're Required

The National Fire Protection Association (NFPA), International Code Council (ICC), The Joint Commission, State Fire Marshals, and others require periodic inspection of passive fire systems. Additionally, all documentation needs to be maintained and made available for review by the authority having jurisdiction (AHJ).

Additional services:

Preconstruction services

Budgeting assistance and cost evaluation

Constructability reviews

Scheduling

Value engineering analysis

Design/build, design/assist

Target value design approach

Budget cost trend analysis

Handyman services



WHAT CAN WE DO FOR YOU?

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