

SB2077



102ND GENERAL ASSEMBLY

State of Illinois

2021 and 2022

SB2077

Introduced 2/26/2021, by Sen. Cristina Castro

SYNOPSIS AS INTRODUCED:

New Act

Creates the Fire and Smoke Damper Inspection Act. Requires inspections and testing of HVAC fire dampers and smoke dampers to be conducted by individuals certified by the International Certification Board and Accredited to comply with specified requirements. Provides that (1) fire damper and smoke damper inspections and testing shall be conducted by inspectors certified by the International Certification Board and accredited by specified entities and (2) inspectors shall certify that all fire and smoke dampers inspected meet the standards established in the current International Fire Code adopted by the State of Illinois and the authority having jurisdiction.

LRB102 15926 CPF 21296 b

A BILL FOR

1 AN ACT concerning safety.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

4 Section 1. Short title. This Act may be cited as the Fire
5 and Smoke Damper Inspection Act.

6 Section 5. Definitions. In this Act:

7 "Fire damper" means a device installed in ducts and air
8 transfer openings designed to close automatically upon
9 detection of heat and resist the passage of flame and
10 classified for use in either static systems that will
11 automatically shut down in the event of a fire or in dynamic
12 systems that continue to operate during a fire. A fire damper
13 if classified for use in dynamic systems if the fire damper is
14 tested and rated for closure under elevated temperature
15 airflow.

16 "Smoke damper" means a device installed in ducts and air
17 transfer openings designed to resist the passage of smoke and
18 installed to operate automatically, controlled by a smoke
19 detection system, and, where required, capable of being
20 positioned from a fire command center.

21 Section 10. Inspections; requirements.

22 (a) Inspections and testing of HVAC fire dampers and smoke

1 dampers shall be conducted by individuals certified by the
2 International Certification Board and Accredited to comply
3 with ISO/IEC 17024 (the conformity assessment regarding
4 general requirements for bodies operating certification of
5 persons) by: (1) the American National Standards Institute
6 (ANSI) in HVAC fire life safety; or (2) another nationally
7 recognized certifying body accredited to ISO/IEC 17024 in HVAC
8 fire life safety.

9 (b) Fire damper and smoke damper inspections and testing
10 shall comply with each of the following:

11 (1) Inspections shall be conducted by inspectors
12 certified by the International Certification Board and
13 accredited by:

14 (A) the American National Standards Institute; or

15 (B) another nationally recognized certifying body
16 to ISO/IEC 17024 in HVAC fire life safety.

17 (2) Inspectors under this Section shall certify that
18 all fire and smoke dampers inspected meet the standards
19 established in the current International Fire Code adopted
20 by the State of Illinois and the authority having
21 jurisdiction.