



Sen. Ram Villivalam

Filed: 3/22/2023

10300SB2049sam001

LRB103 28907 HLH 59389 a

1 AMENDMENT TO SENATE BILL 2049

2 AMENDMENT NO. _____. Amend Senate Bill 2049 by replacing
3 everything after the enacting clause with the following:

4 "Section 1. Short title. This Act may be cited as the
5 Mechanical Insulation Energy and Safety Assessment Act.

6 Section 5. Legislative findings. The General Assembly
7 finds that the State has an interest in decreasing the carbon
8 footprint of publicly owned buildings. The General Assembly
9 also finds that it is the public policy of this State to ensure
10 that all Illinois residents can use publicly owned buildings
11 for employment, educational purposes, and social services,
12 free from harmful mold and bacteria. This Act is created in
13 recognition of the important role that mechanical insulation
14 plays in lowering operating expenses, reducing energy loss,
15 and decreasing emissions.

1 Section 10. Definitions. As used in this Act:

2 "Board" means the Capital Development Board.

3 "Mechanical insulation" means insulation, materials,
4 facings, and accessory products that are applied to mechanical
5 systems, including piping, equipment, vessels, HVAC, boilers,
6 and other similar equipment, or that are used to prevent
7 corrosion of cooling systems.

8 "Mechanical insulation energy and safety assessment" means
9 an assessment that analyzes potential energy savings and any
10 potential public health risks according to the specifications
11 of a building's mechanical equipment.

12 "Public building" means any structure in the State that is
13 owned in whole or in part by the State of Illinois.

14 "Qualified mechanical insulation contractor" means a
15 mechanical insulation contractor who is an active participant
16 in an apprenticeship program approved by the United States
17 Department of Labor.

18 Section 15. Mechanical insulation energy and safety
19 assessments.

20 (a) For the purpose of moving the State closer to its 100%
21 clean energy goal, the Board shall contract with a qualified
22 mechanical insulation contractor on a commission basis to
23 perform a mechanical insulation energy and safety assessment
24 of every public building within 10 years after the effective
25 date of this Act. The assessments' findings shall include any

1 and all remediation measures necessary to bring the subject
2 mechanical insulation system up to Code, as defined in Section
3 10 of the Energy Efficient Building Act, and to ensure that the
4 system functions at a specific operating temperature to
5 minimize energy loss and ensure public health and safety.

6 (b) The findings shall be a matter of public record and
7 shall be posted on the Board's website no later than 30 days
8 after the completion of the assessment. In addition, the Board
9 shall file with the General Assembly an annual report
10 outlining the assessments completed in the previous calendar
11 year. The reports shall be filed by December 31 of the calendar
12 year after the calendar year in which the assessment is
13 performed.

14 (c) If the mechanical insulation energy and safety
15 assessment identifies mechanical insulation remediation
16 measures that would result in a reduction in the carbon
17 footprint for the subject building of more than 30% and a
18 cumulative energy savings for the subject building of more
19 than 30%, then the State shall enter into a contract for those
20 mechanical insulation remediation measures within 12 months
21 after the publication of the assessment findings on the
22 Board's website. If any public health or safety concerns are
23 identified in the mechanical insulation energy and safety
24 assessment, then those concerns are deemed to be a hazard to
25 the public health and safety and shall be contracted out for
26 immediate remediation. Any construction performed under this

1 subsection, as well as any ancillary construction performed
2 during the remediation process, shall be subject to the
3 Prevailing Wage Act.".