

FISCAL ESTIMATE
DOA-2048 (R06/99)

ORIGINAL
 CORRECTED

UPDATED
 SUPPLEMENTAL

LRB or Bill No./Adm. Rule No.
Chapters Comm 5 18 and 21
Amendment No. if Applicable

Subject

Technical requirements for conveyances and licensing of installers of residential conveyances

Fiscal Effect

State: No State Fiscal Effect

Check columns below only if bill makes a direct appropriation

or affects a sum sufficient appropriation
 Increase Existing Appropriation
 Decrease Existing Appropriation
 Create New Appropriation

Increase Existing Revenues
 Decrease Existing Revenues

Increase Costs - May be Possible to Absorb Within Agency's Budget Yes No
 Decrease Costs

Local: No local government costs

1. Increase Costs
 Permissive Mandatory

Increase Revenues
 Permissive Mandatory

5. Types of Local Governmental Units Affected:
 Towns Villages Cities
 Counties Others _____
 School Districts WTCS Districts

2. Decrease Costs
 Permissive Mandatory

Decrease Revenues
 Permissive Mandatory

Fund Sources Affected

GPR FED PRO PRS SEG SEG-S

Affected Ch. 20 Appropriations
None

Assumptions Used in Arriving at Fiscal Estimate

The following are anticipated cost impacts of proposed rule changes in Comm 18:

- Switch key** –When an elevator is added to a building or an existing elevator has certain alterations or renovations done, the universal Firefighter’s Emergency Operation (FEO) key for fire safety purposes would be required on these elevators and on all other elevators in the building. Each switch key or tumbler assembly costs about \$45, and each elevator and each machine room requires a switch key. The estimated cost for labor is about \$60 an hour, and the typical installation time is one hour. The estimated cost to key a single elevator would be about \$150. For a building with six elevators and two machine rooms, the estimated cost to key all the same would be about \$500. This requirement would help ensure the safety of firefighters and building occupants should fire or other emergencies occur.
- Annual tests for hydraulic elevators with below ground cylinders** – Currently, the Wisconsin code requires annual relief valve setting and system pressure tests for hydraulic elevators installed before January 1975 with below ground cylinders. The proposed rules would align with the national elevator code and require the testing of below ground cylinders and piping installed between January 1975 and January 1994. The purpose of the tests is to determine if the hydraulic cylinders are operating properly to ensure safety for people using the elevators and if any oil is leaking from the cylinders. The estimated cost to perform a routine relief valve test is about \$500 an elevator.

Between January 1975 and January 1994, there were about 3,700 hydraulic elevators installed in Wisconsin with below ground cylinders. This testing requirement may affect some state of Wisconsin-owned buildings. The estimated cost for expanding the requirement to 1994, however, would be minimal for these state-owned buildings because the annual elevator maintenance contracts include performing this test. Local governments also will be impacted; however, it is most likely that the majority of hydraulic elevators installed in local government buildings in Wisconsin also are covered by annual maintenance contracts.
- One- and 2-family dwellings as per WI Act 456** – The proposed rules will require permits, plan reviews and inspections for elevators and dumbwaiters installed in one- and 2-family dwellings. The department believes, however,

Long-Range Fiscal Implications

None known

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