

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

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  
Units Affected:

Permissive  Mandatory

2.  Decrease Costs

3.  Increase Revenues

Permissive  Mandatory

4.  Decrease Revenues

5. Types of Local Governmental  
 Towns  Villages  Cities

Counties  Others

Permissive  Mandatory

Permissive  Mandatory

Affected Ch. 20 Appropriations  
 Permissive  Mandatory  None

School Districts

WTCS

**Assumptions Used in Arriving at Fiscal Estimate**

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

1. **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.

2. **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.

3. **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, that the cost impact will not be more than created by the 2005 Wisconsin Act 456.

Long-Range Fiscal Implications

None known

Agency/Prepared by: (Name & Phone No.)  
Commerce/Larry Swaziek 267-7701

Authorized Signature/Telephone No.

Date