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## Annual Elevator Company Meeting March 5, 2007

### Alterations – Appendix L – Buddy Godwin, The Godwin Company

- Controller – replace it, if “change” to equipment.
- Other than maintenance, change in capacity (need permit)  
A17.3 not adopted by NC
- 8.7 Alternation – code @ time of alteration
- nothing outside elevator itself
- A17 exception – single bottom jack – it is to be replaced, but DOL doesn’t support this.

Building Code – 1990’s ASME got away from building codes. Building Codes left out – NEC codes according to year.

- Inspected only according to ASME codes.

8.6.3.10 Replacement Hydraulic jack, plunger, cylinder, tanks and anti-creep leveling device. – these are alterations

8.7.2.27.4 Install a controller as part of an alteration

- (250.134 NEC = grounding, fixed grounded, motion controller (DOL inspects)  
- feeders should be grounded.

2.27.2 Emergency or standby power system  
- make sure it has capability for selection switches (controller)

2.19.1 Ascending Car Over Speed Protection  
Rope gripper – to prevent ascending elevator from striking overhead structure.  
(electronically controlled)

New piece of operation – has to meet new code in alteration. Fire fighter service added; by new code and has to work.

2.8.2.3 Sprinkler systems

## 2.9 Beams & Supports

2.11.15 Marking/Labeling of assembly – entrances  
(Department of Insurance – requires)

2.13 Hoistway doors & car doors (Power operation)

2.18 Governor Switches

2.21 Counter Weights – Frame Type

2.26.4 Operator Devices & Control Equipment

Building Code: Chapter 30, 2006

- Ventilation, Air Conditioning; maintain temperature for elevator equipment
- be provided with independent system.

620.51 Disconnect in sight of qualified person.

## Permits/Applications

Must fill out completely

Train your person on completing these forms

Elevator Bureau will provide a Training Class for all elevator company personnel that completes permits in your office on 4/10/07, 3<sup>rd</sup> floor CR 1:00 pm. Please call or email our office to get names on the list for attending. Should be about 2 hours. Will send email regarding this training.

-mandatory for all personnel that fills out permits

We're working on getting a receipt of confirmation e-mail back when you submit an application.

Out Of State Permits: Look through your old permits and see what is going on with them currently.

Give us a status on all old ones – what is the activity

We will be purging our records (after 30 days)

You'll have to re-apply (& build to current code)

(Under code when building plans were approved)

**Put year the code was in effect on the application!**

Extension of Out of Date Permits – complete form on website. We are extending the time now to 2 years.

\*Do not schedule an inspection with an expired permit

- like not having one.
- send in permit application on time & not just as the inspection is needed.
- If starting a job without a permit – penalty will be issued.
- Penalty fees go to Education Fund of State

## Variance Request

Overhead clearance – main request  
(Don't request fire service left off)

- Must send a letter to request a variance to Bureau Chief of Asst. Chief describing reason for request.
- Must send a drawing of the area for which variance is requested.
- All company information is required

## Scheduling of Inspections

- slight improvement with companies being ready for inspection
- most not ready due to the company failing to survey the job first
- if our inspector starts the inspection, he finishes it
- if companies not ready, he leaves
- NCAC 15.0305, states notification in writing 5 days before inspection desired
- Try to conduct a pre-inspection before calling for final inspection
- Notify inspector 24 hours in advance of cancellation

## Unpaid Inspections (New)

- if outstanding invoices (30 days) are not paid - Bureau will **not** conduct new inspections until invoices are paid. Letter sent from this Bureau to revoke Certificate of Operation if not paid by 90 days.
- No exceptions

## Routines

Revocation of (owner's) certificate, (shutdown order)

Re-installment fee (after July 1, 2007)

NCAC 15.0306

(There will be a list online of those elevators with revoked certificates)

## Code Issues

- Clarification memo on website
- Equipment in machine rooms; Rule 101.2
- Sump Pump or Drain – must have (w/fire fighters Emergency Operation), must be covered.
- Fire Extinguishers – convenient to access door
- Machine room and machinery spaces – fire resistance rating not less than required rating of hoistway enclosure -Building Code Issue  
(doesn't apply to door opening to outside)
- Over 60', a fire control room & communications within the building
- Receptacle locations - NEC
- Type Disconnect: enclosed externally operable

## **Computer Program**

Using our Website – to get information out; use forms, read memos, changes, etc.

## **Advisory Board**

- Purpose – to listen to the industry we regulate
- Next meeting probably in April
- Open to public – call our office and let us know if you plan to attend as a guest

Elevator Mechanics License – in legislature. Want it housed in our Bureau  
This would be to test, certify, re-certify, fees, licenses, testing, comp. program, (each person) and the company; - and police it: license expires and fine

Private Residence Elevator Inspections – introduced in legislature for research and study. Would require Elevator Bureau to inspect private family elevators.