

TRANSMITTAL SHEET FOR
NOTICE OF INTENDED ACTION

Control No. _____ Department or Agency: Dept. of Labor
Rule No. 480-8-3-.03
Rule Title: Qualifications To Be Licensed As An Elevator Inspector Or Elevator Inspection Agency
 New X Amend Repeal Adopt by Reference

Would the absence of the proposed rule significantly harm or endanger the public health, welfare, or safety? NO

Is there a reasonable relationship between the state's police power and the protection of the public health, safety, or welfare? NO

Is there another, less restrictive method of regulation available that could adequately protect the public? NO

Does the proposed rule have the effect of directly or indirectly increasing the costs of any goods or services involved and, if so, to what degree? NO

Is the increase in cost, if any, more harmful to the public than the harm that might result from the absence of the proposed rule? NO

Are all facets of the rulemaking process designed solely for the purpose of, and so they have, as their primary effect, the protection of the public? YES

Does the proposed rule have an economic impact? NO

If the proposed rule has an economic impact, the proposed rule is required to be accompanied by a fiscal note prepared in accordance with subsection (f) of Section 41-22-23, Code of Alabama 1975.

Certification of Authorized Official

I certify that the attached proposed rule has been proposed in full compliance with the requirements of Chapter 22, Title 41, Code of Alabama 1975, and that it conforms to all applicable filing requirements of the Administrative Procedure Division of the Legislative Reference Service.

Signature of certifying officer *Stephen Mc Clellan*

Date 7-22-13

(DATE FILED)
(STAMP)

Department of
Labor

NOTICE OF INTENDED ACTION

AGENCY NAME: DEPARTMENT OF LABOR

RULE NO. & TITLE: 480-8-3-.03 Qualifications To Be Licensed As
An Elevator Inspector Or Elevator Inspection Agency

INTENDED ACTION: To amend the above section under the Elevator
Safety Rules to adopt new qualification guidelines.

SUBSTANCE OF PROPOSED ACTION: The adoption is necessary to
provide guidelines for elevator inspector licensure at The
Department of Labor due to statutory guidelines being deleted.

TIME, PLACE, MANNER OF PRESENTING VIEWS: All interested persons
may submit data, views, or arguments in writing to Stephen
McCormick, Department of Labor, 649 Monroe Street, Montgomery,
Alabama 36131 by mail or in person between the hours of 8:00 am
and 4:30 pm, Monday through Friday until and including September
09, 2013. Persons wishing to submit data, views or arguments
orally should contact Stephen McCormick by telephone at (334)
242-8274 during this period to arrange an appointment.

FINAL DATE FOR COMMENT AND COMPLETION OF NOTICE: September 09,
2013

CONTACT PERSON AT AGENCY:

Stephen McCormick
Department of Labor
649 Monroe Street
Montgomery, AL 36131
Telephone: (334) 242-8274



Stephen McCormick
Director, Governmental Affairs

ALABAMA DEPARTMENT OF LABOR
ELEVATOR SAFETY RULES
ADMINISTRATIVE CODE

CHAPTER 480-8-3

LICENSING AND FEES

480-8-3-.03 Qualifications To Be Licensed As An Elevator Inspector Or Elevator Inspection Agency.

(1) No inspector's license shall be granted to any person unless he or she demonstrates to the satisfaction of the administrator or other officer designated by the board that he or she meets the current ~~ASME QEI-1~~ Department of Labor Standards for the Qualifications of Elevator Inspectors or State standards as described in subsection (2).

(2) No license shall be granted to any entity that has not demonstrated the requisite qualifications and abilities. Notwithstanding any other provision, cities or municipalities wishing to engage in the safety inspections of existing elevators or related conveyances, the permitting and inspection of new or modernized elevators or related conveyances, may perform inspection programs on behalf of the Board, provided they meet the following requirements:

(a) The inspector shall meet the experience requirements noted in the qualifications for an inspector as set forth ~~in ASME QEI-1~~ by the Department of Labor;

(b) The inspector must submit an application to the Alabama Department of Labor to be a licensed elevator inspector;

(c) Subsequent to inspection, the city or municipal inspector shall supply the property owner or lessee and the Administrator with a written inspection report describing any and all violations;

(d) When a unit is proven to be in safe operating condition, a Certificate of Operation shall be issued through the Alabama Department of Labor and may be issued jointly with the Municipality; and

(e) The applicant or licensee must meet all other statutory requirements and rules and regulations enforced by the Board.

(3) Qualifications:

An inspector shall meet the definition of "Elevator Personnel" in ASME A17.1/CSA B44, Section 1.3 and have documented training and at least 1 year of experience performing inspections and performing or witnessing tests specified in ASME A17.1/CSA B44, CSA B311, ASME A18.1 or CSA B355, and ANSI/ASSE A10.4 or CSA Z185. Verifiable evidence of

training and experience shall be documented with the application for license to the department. . Knowledge may be evidenced by approved written and/or oral examinations, as administered by the department or other organizations acceptable to the department.

General Knowledge:

An inspector shall also verify that he or she meets the following qualifications:

(a) knowledge of personal safety practices to perform the following:

- (1) acceptance inspections of new construction
- (2) routine and periodic inspections of existing equipment
- (3) inspections of equipment in hazardous environments, where applicable

(b) familiarity with industry terminology, including the following:

- (1) terms defined and used in ASME A17.1/ CSA B44, ASME A18.1, A17.3 and NFPA Standards.
- (2) terms used in ASME A17.2
- (3) terms defined and used in the National Electrical Code
- (4) administrative rules and regulations published by the department.

(c) ability to read architectural and installation drawings, including hoistway and machine room layouts.

(d) working knowledge of electrical, electronic, and circuit construction principles, including but not limited to

- (1) voltage, currents, and resistance
- (2) series and parallel circuits
- (3) grounding
- (4) ability to read circuit diagrams

(e) knowledge of the purpose and function of safety devices in the following locations:

- (1) machine rooms and machinery spaces
- (2) hoistways
- (3) on the cars
- (4) pits
- (5) escalators, moving walks, and other related equipment

(f) working knowledge of mechanical principles as applied to structures, machines, mechanisms, and the effects of traction on ropes and sheaves

(g) working knowledge of hydraulic principles as applied to the operation of valves, pumps, plungers, piping, and buffers

(h) working knowledge of the various types of equipment; their code requirements, uses, and limitations

(1) classifications of usage

- (a) passenger elevators

- (b) freight elevators (Classes A, B, CI, C2, and C3)
- (c) private residence elevators
- (d) sidewalk elevators
- (e) special purpose personnel elevators if inclined elevators
- (g) material lifts and dumbwaiters with automatic transfer devices (h) dumbwaiters
- (i) elevators used for construction (j) personnel hoists and employee elevators

(2) classifications of driving means

- (a) traction
- (b) winding drum
- (c) hydraulic (direct-plunger hydraulic, electro-hydraulic, maintained-pressure hydraulic, and roped hydraulic)
- (d) screw machine
- (e) rack and pinion
- (f) hand
- (g) belt and chain drives

(3) escalators and moving walks

(4) inclined and vertical wheelchair lifts and stairway chairlifts (ASME A17.1b-1998 and earlier)

(i) working knowledge of the functions and operation of elevator systems, including machines, motors, governors, and other machine room equipment; controllers; position devices; door operator systems; hoistway systems; safety system testing and functions; pit equipment escalators; moving walks; electrical devices; and hydraulics

(j) working knowledge of inspection and testing procedures as described in ASME A17.2 and awareness of published interpretations of those procedures

(k) working knowledge of applicable building, fire, electrical, and accessibility codes

(7) demonstrated ability to perform the duties specified in Section 2.2

(m) working knowledge of the requirements of ASME A17.3 and awareness of published interpretations of ASME A17.3

(n) must have in his or her personal possession the current codes in effect at the time of each inspection.

Duties:

The duties of an inspector include but are not limited to the following:

(a) making acceptance inspections and witnessing tests to determine whether all parts of the installation conform to the requirements of the applicable code or regulations and whether the required safety devices function as required therein

(b) making routine or periodic inspections and witnessing tests of existing installations to determine that the equipment is in apparent safe operating condition, has not been altered except in conformity to the applicable code or regulations, and performs in accordance with test requirements

(c) reporting the results of the inspection and testing in accordance with the appropriate administrative procedures established by the department.

Authors: Ralph Pate, Andrew Hamilton Smith

Statutory Authority: Code of Ala. 1975, §25-13-6, -9 (2003).

History: New Rule: Filed June 22, 2004; effective July 27, 2004. Amended: Filed August 17, 2006; effective September 21, 2006. Amended: Filed January 9, 2013; effective February 13, 2013.