

# ELEVATORS 101

## WHAT YOU NEED TO KNOW

William Redmond, QEI-S 141/CEI 238 - Section  
Supervisor

Broward County Building Code Services Division

July 23, 2018



# Program Overview

- ▶ Conformance to the Florida Building Code and the Florida State Statutes through review of all construction plans for new and altered elevating devices.
- ▶ Safety for elevating devices through mandated enforcement by Certified Elevator Inspectors per [Chapter 399](#) of the Florida State Statutes, [Chapter 61C5](#) of the Florida Administrative Code, and Chapter 30 of the [Florida Building Code](#).
- ▶ Complete inspections associated with Certificates of Operation issued for elevating devices.
- ▶ Timely coordination with fire, police, paramedics and other emergency responders on accidents involving elevating devices.



# Agenda

- ▶ Certificate of Operation for elevating devices and device requirements
- ▶ Renewing Certificate of Operations and requirements
- ▶ Importance of annual inspections
- ▶ Obtaining inspection results
- ▶ Violations and Owner Responsibility
- ▶ Role of the Elevator Maintenance Companies
- ▶ Variance Process
- ▶ Change of Record and maintaining updated contact information



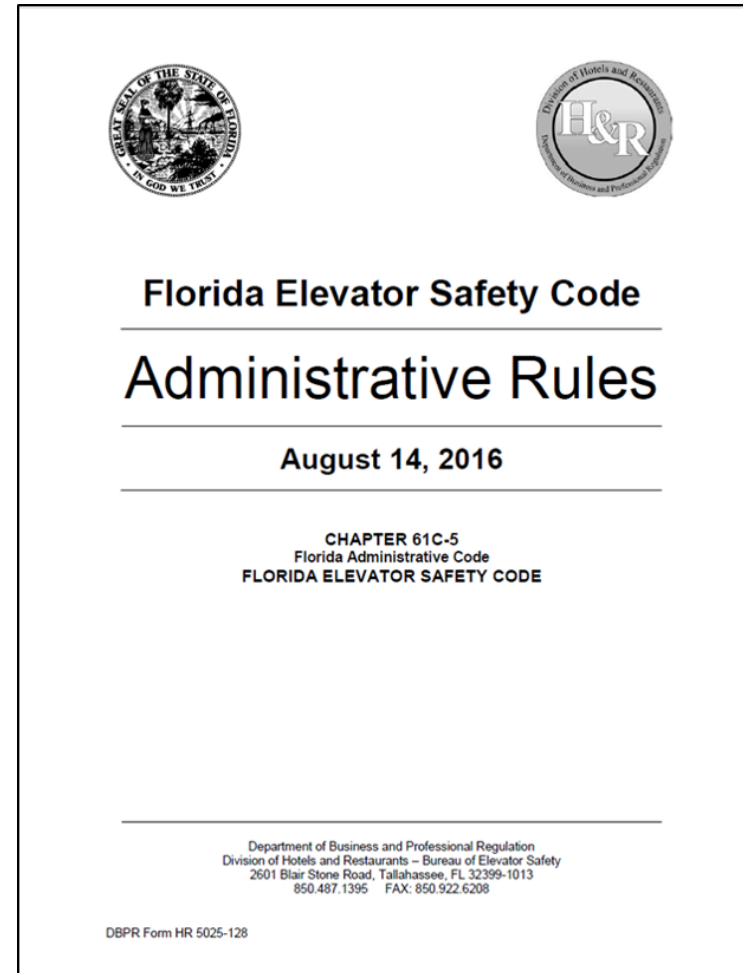
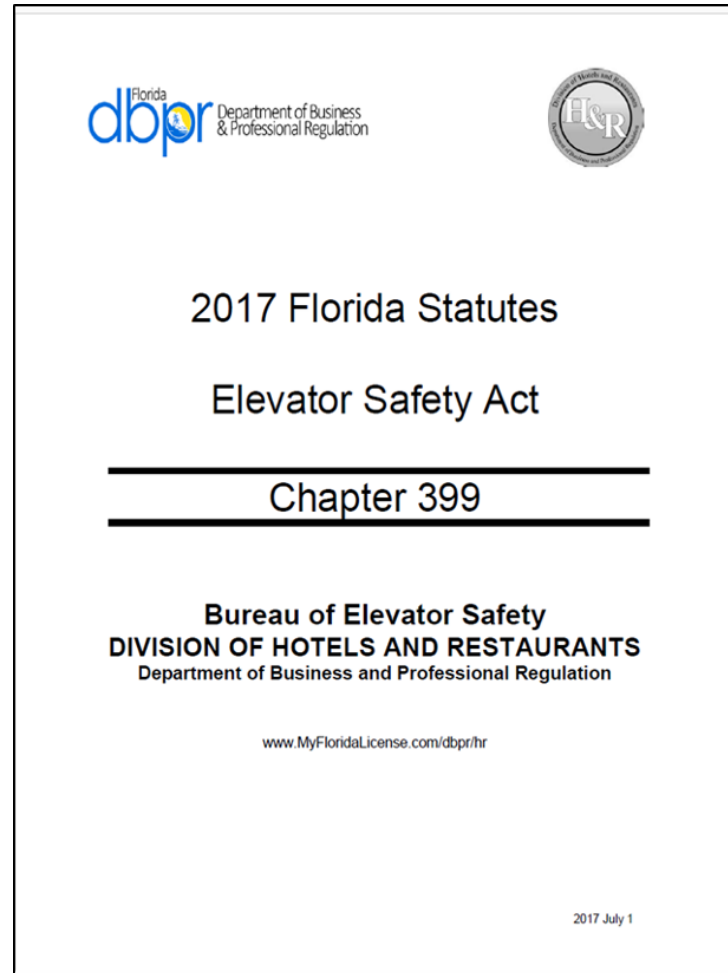
# Elevating Devices

- ▶ Elevators
- ▶ Wheelchair Lifts
- ▶ Stairway Lifts
- ▶ Escalators
- ▶ Moving Walks
- ▶ Dumbwaiters
- ▶ Limited Use, Limited Access Devices (LULA)





# Florida Statutes & Rules



# Florida Building Code

## THE FLORIDA BUILDING CODE

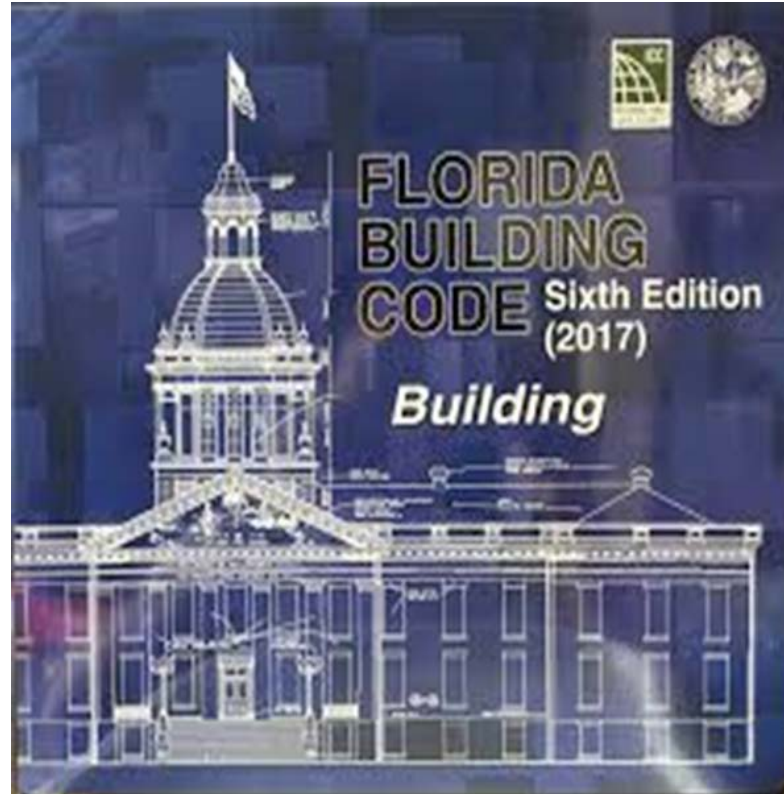
### BROWARD COUNTY AMENDMENTS

#### CHANGE OF ADDRESS

In order to receive Amendments to this Code, notify this office  
(954) 765-4500, ext. 9892 / 9883, of new address.

BROWARD COUNTY AMENDMENTS  
TO THE 2007 FLORIDA BUILDING CODE  
Effective Date: March 15, 2012

Board of Rules and Appeals  
2012  
All rights reserved



## CHAPTER 30 ELEVATORS AND CONVEYING SYSTEMS

### SECTION 3001 GENERAL

**3001.1 Scope.** This chapter governs the design, construction, installation, alteration, repair and maintenance of elevators and conveying systems and their components.

**Note:** Other administrative and programmatic provisions may apply. See the Department of Business and Professional Regulation (DBPR) Chapter 399, *Florida Statutes*, and Rule 61C-5, *Florida Administrative Code*. The regulation and enforcement of the following sections of the adopted codes, and their addenda, are preempted to the Bureau of Elevator Safety of the Department of Business and Professional Regulation: ASME A17.1, ASME A17.3 and ASME A18.1.

**3001.2 Referenced standards.** Except as otherwise provided for in this code, the design, construction, installation, alteration, repair and maintenance of elevators and conveying systems and their components shall conform to ASME A17.1/CSA B44, ASME A17.3/CSA B44.2, ASME A17.3 and ASME A18.1, ASME A90.1, ASME B20.1, ANSI MH29.1, ALI ALCTV, and ASCE 24 for construction in flood hazard areas established in Section 1612.3. The Division of Hotels and Restaurants may grant exceptions, variances and waivers to the Elevator Safety Code as authorized by the Safety Code for Elevators and Escalators (ASME A17.1, Section 1.2) and Florida Statutes (Chapter 120).

**3001.3 Accessibility.** Passenger elevators are required to be accessible by the Florida Building Code, Accessibility.

**3001.4 Change in use.** A change in use of an elevator from freight to passenger, passenger to freight, or from one freight class to another freight class shall comply with Section 8.7 of ASME A17.1/CSA B44.

### 3001.5 Design, installation and alteration of elevators.

**3001.5.1** Each new elevator shall comply with the Florida Elevator Safety Code that was in effect at the time of receipt of application for the construction permit for the elevator.

**3001.5.2** Each alteration to, or relocation of, an elevator shall comply with the Florida Elevator Safety Code that was in effect at the time of receipt of the application for the construction permit for the alteration or relocation.

**3001.5.3** All existing elevators shall comply with ASME A17.3.

**3001.6** As used in this chapter, the term:

**ALTERATION.** Any change to equipment, including its parts, components, and/or subsystems, other than maintenance, repair, or replacement.

**CERTIFICATE OF OPERATION.** A document issued by the department which indicates that the conveyance has had the required safety inspection and tests and that fees

have been paid as provided in Chapter 399, *Florida Statutes*.

**CONVEYANCE.** An elevator, dumbwaiter, escalator, moving sidewalk, platform lift and stairway chairlift.

**DEPARTMENT.** For the purpose of this section, the Department of Business and Professional Regulation.

**DIVISION.** For the purpose of this section, the Division of Hotels and Restaurants of the Department of Business and Professional Regulation.

**ELEVATOR.** One of the following mechanical devices:

- A hoisting and lowering mechanism, equipped with a car and platform that moves in guide rails and serves two or more landings to transport material or passengers or both.
- An escalator, which is a power-driven, inclined continuous stairway used for raising or lowering passengers.
- A dumbwaiter, which is a hoisting and lowering mechanism equipped with a car of limited size which moves in guide rails and serves two or more landings.
- A moving walk, which is a type of passenger-carrying device on which passengers stand or walk and in which the passenger-carrying surface remains parallel to its direction of motion and is uninterrupted.
- An inclined stairway chairlift, which is a device used to transport physically handicapped persons over architectural barriers.
- An inclined or vertical wheelchair lift, which is a device used to transport wheelchair handicapped persons over architectural barriers.

### Exceptions:

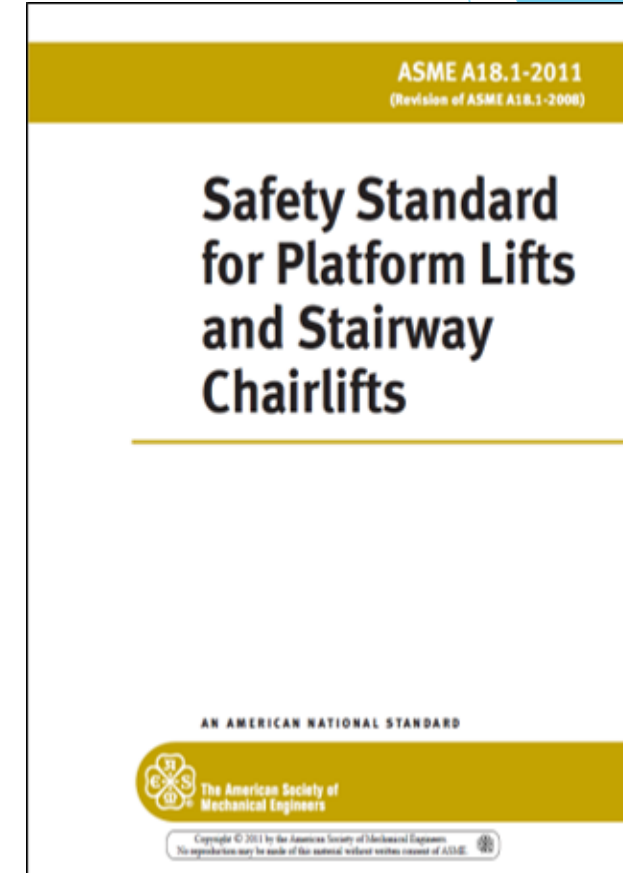
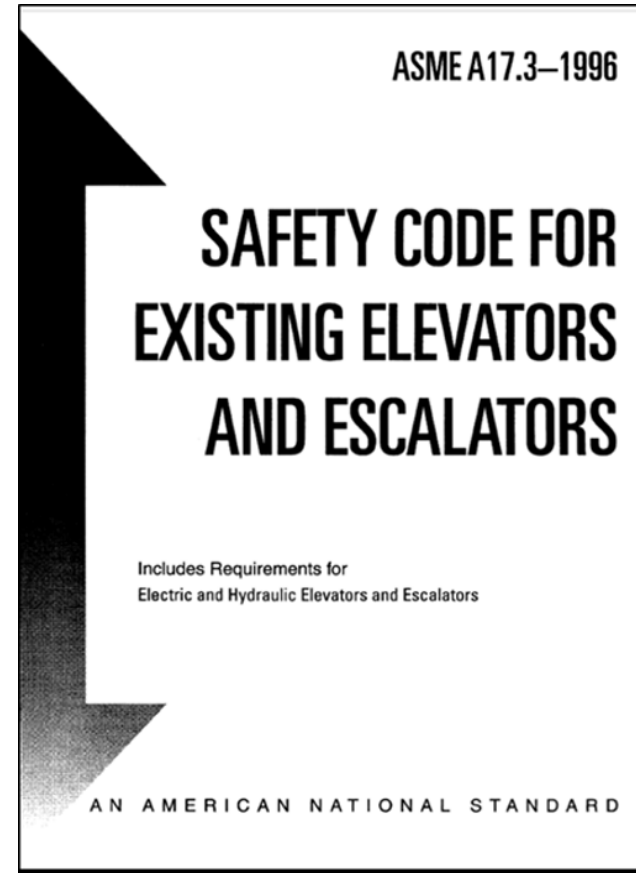
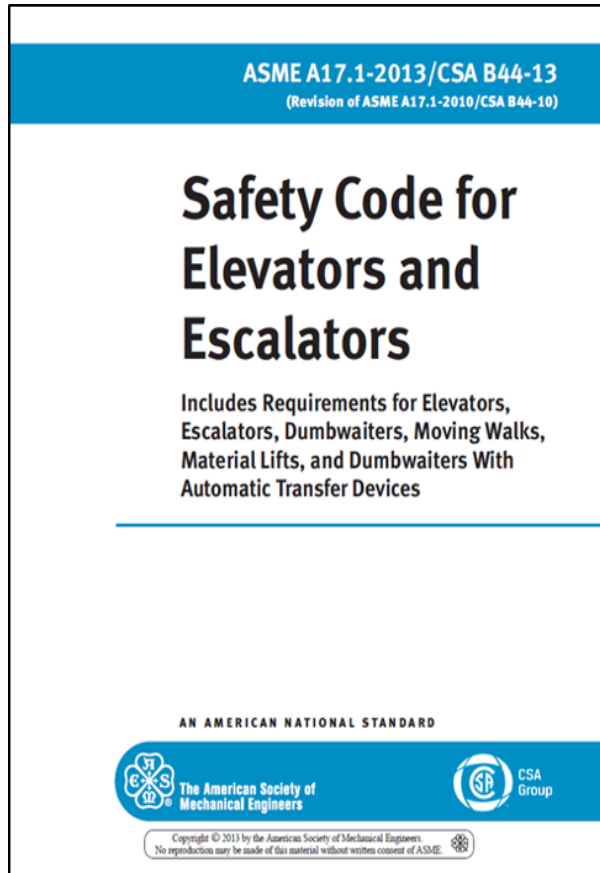
- Personnel hoists and material hoists within the scope of ASME A10.
- Man lifts within the scope of ASME A90.1.
- Mobile scaffolds, towers, and platforms within the scope of ANSI A92.
- Powered platforms and equipment for exterior and interior maintenance within the scope of ASME A120.1.
- Conveyors and related equipment within the scope of ASME B20.1.
- Cranes, derricks, hoists, hooks, jacks and slings within the scope of ASME B30.
- Industrial trucks within the scope of ASME B56.

FLORIDA BUILDING CODE — BUILDING, 6TH EDITION (2017)

737



# Elevator Safety Codes





Environmental Protection and Growth Management Department  
BUILDING CODE SERVICES DIVISION  
Elevator Section  
1 North University Drive, Box #302 - Plantation, FL 33324-2038  
**FOR EMERGENCIES CALL 911**

Elevator Type: Wheelchair Lift

**BCID#: 51199 Landings: 2 Capacity: 450**

This is to certify that the elevator located at the following address:

BROWARD COUNTY GOVERNMENT CTR  
115 S ANDREWS AVE,  
FORT LAUDERDALE, FL 33301

has complied with Florida Statute 399 and is authorized to operate the  
elevator bearing the above BCID number.

**Per FS399.02(5)(b), the elevator owner is responsible for the safe operation, proper  
maintenance, and inspection and correction of code deficiencies of the elevator.**

Notify the building owner or property management  
company if the device is not functioning properly.

### **CERTIFICATE OF OPERATION**

This certificate shall be framed in metal with a clear plastic cover and shall be posted  
inside the elevator or plainly visible from the dumbwaiter or escalator.

BC FACILITIES MAINTENANCE DIVISION  
115 S ANDREWS AVE RM 501  
FORT LAUDERDALE, FL 33301

**Expiration Date: 08/01/2018**

**Last Inspection Date: 06/15/2017**

#### **Important Notice**

The Certificate of Elevator Operation is valid for a period of one year unless suspended or  
revoked. Florida Statute 399 requires that a current Elevator Operation certificate be posted  
inside each elevator.



**NO SMOKING / NO FUMAR**

Section 823.12 F.S., Smoking in elevators is unlawful, - It is unlawful for any person to  
possess any ignited tobacco product or other ignited substance while present in an elevator.  
Any person who violates this section is guilty of a misdemeanor of the second degree  
punishable as provided in S.775.082 or S.775.083, F.S.

# Sample Certificate of Operation





# Last Inspection Date Sticker

## Broward County Elevator Last Inspection Date



Inspected by: \_\_\_\_\_

Inspection Date: \_\_\_\_\_



# Certificate of Operation

- ▶ License required by Florida Statute 399 that allows for the operation of elevating devices.
- ▶ Certificate of Operation is issued after the device passes an annual safety inspection, or if any violations were cited, they have been corrected within 90 days and all outstanding fees have been paid.
- ▶ All elevators in Broward County require a Certificate of Operation.
- ▶ Operation of an Elevator without a current Certificate of Operation is a violation of Florida Statute 399.



## ELEVATOR CERTIFICATE OF OPERATION RENEWAL INVOICE

Management Co./Owner: BC FACILITIES MAINTENANCE DIVISION  
115 S ANDREWS AVE RM #501  
FORT LAUDERDALE, FL 33301

BCID # 33505  
Date of Notice: 07/13/2018  
Amount Due: \$20.00  
Expiration Date: 08/01/2017  
Last Approved Annual Inspection: 04/06/2016

Phone Number: (954) 357-5780 E-mail: [bleder@broward.org](mailto:bleder@broward.org) Reference #: 3668039

Payment is now due for renewal of the Certificate of Operation for the elevator identified by the BCID number above.  
Certificates of operation shall be issued upon payment  
only for conveyances having a current, approved annual inspection (FS399.07).

Building: BROWARD COUNTY GCW PARKING DECK  
1 UNIVERSITY DR  
PLANTATION, FL 33324

Elevator Maint. Co.: EASTERN ELEVATOR SERVICE, INC  
4301 S FLAMINGO RD SUITE 106-201  
DAVIE, FL 33330-  
(954) 591-2831

Fee Details  
07/13/18 Annual Operation Renewal Inspection Fee \$20.00

A calculated Internet convenience fee of \$2.00 will be added if this renewal is paid online.

Use Web renewal ID: 35448592 to RENEW ONLINE, at:

[www.broward.org/permittingandlicensing](http://www.broward.org/permittingandlicensing) - click the "SAVE TIME" image

Or, mail bottom of form with credit card information or check payable to: Broward County Board of Commissioners  
to this address: Broward Elevator Section, 1 N University Dr, #302, Plantation, FL 33324-2038

*\*Annual Inspections completed by a Broward County Elevator Inspector will be charged a separate fee of \$20.00 \**

Please include a penalty of \$75.00 if payment is postmarked after July 31st, 2018.

Please use the space below to print any information that is missing or incorrect above.

	Name	Address	Phone Number
Building:			
Management Company / Owner:			
Email Address:			
Elevator Maint. Company:			

BCID #: 33505 Amount Due: **\$20.00** Select one: ☐ Visa ☐ Master Card ☐ Discover  
Reference #: 3668039 - 1 - 1 - 07/13/18 Card Number \_\_\_\_\_  
Expiration Date \_\_\_\_\_ Security Code \_\_\_\_\_  
Faxed copies will not be accepted. Signature \_\_\_\_\_  
Please do not staple. Please do not send cash.

# Renewal Fees



# Purpose of Annual Inspections

- ▶ FS 399.001 Purpose is to provide for the safety of life and limb and to promote public safety awareness.
- ▶ ASME A17.1 The purpose of this Code is to provide for the safety of life and limb, and to promote the public welfare.





**Broward County, Florida****Building Code Services Division**

1 North University Drive, Box #302, Plantation, FL 33324-2038

Phone: 954-765-4508 Fax: 954-765-4785

e-mail: [elevators@broward.org](mailto:elevators@broward.org)**ELEVATOR INSPECTION REPORT  
and  
VIOLATIONS TO BE CORRECTED**

Inspection Type: **Routine + Annual**  
Result: **Approved**  
Inspection Date: **04/27/2018**  
Inspector: **William Redmond CEI #238**  
(954) 658-1902

Building Name: **BROWARD COUNTY GCW ELEV - 4**  
Address: **1 N UNIVERSITY DR  
PLANTATION, FL 33324**

Maintenance Co.: **THYSSENKRUPP ELEVATOR**  
(954) 971-6500

BCID: **33504** License  
Type: **Hydraulic Passenger**  
Floors: **4** Lbs.: **3500**  
Route: **Area 09**

Person receiving this report:  
**Franklin Joseph**

CC #: 4035

DCF Front (lbs):

DCF Back (lbs):

NL (psi): **354**FL (psi): **510**REL (psi): **660**

Gov (E) (fpm):

Gov (M) (fpm):

Slide (in):

BT (ft/lb):

Step/Skirt Index:

Florida Statutes - This device:Complies: **Section 399.15**Regional emergency elevator  
access/fire key requirementsComplies: **Section 553.509**

Alternate power requirements

Violations: NONEAdditional Comments:**\$20 inspection fee due.****NOTICE TO ELEVATOR OWNER**

The violations noted must be corrected and Broward County Building Code Services Division - Elevator Section notified of compliance within 90 DAYS from the date of this inspection. Any elevator owner who fails to comply with this order within 90 days is subject to an administrative fine up to \$1,000 PER UNCORRECTED VIOLATION in addition to any other penalty provided by law. If this elevator is operating under a complete service maintenance contract, notify your elevator company immediately. IF NO VIOLATIONS ARE INDICATED, DO NOT RETURN THIS FORM.

BCID 33504 Page 1 of 1

J3668026P48362928

ELEVATOR OWNER/MANAGER: I hereby certify that the violations have been corrected.

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

# Sample Elevator Inspection (Approved)



**Broward County, Florida****Building Code Services Division**

1 North University Drive, Box #302, Plantation, FL 33324-2038

Phone: 954-765-4508 Fax: 954-765-4785

**ELEVATOR INSPECTION REPORT  
and  
VIOLATIONS TO BE CORRECTED**

Inspection Type: **Routine + Annual**  
Result: **Approved with Exceptions**  
Inspection Date: **07/11/2017**  
Inspector: **William Redmond CEI #238**  
(954) 658-1902

BCID: 33505 License  
Type: **Hydraulic Passenger**  
Floors: 3 Lbs.: 2100  
Route: **Area 09**

Building Name: **ONE UNIVERSITY DR PARKING GARAGE**  
Address: **1 UNIVERSITY DR  
PLANTATION, FL 33324**

Person receiving this report:  
**John Wallace**

Maintenance Co.: **THYSSENKRUPP ELEVATOR**  
(954) 971-6500

CC #: 3895

DCF Front (lbs):  
DCF Back (lbs):  
NL (psi): 200  
FL (psi): 310  
REL (psi): 350  
Gov (E) (fpm):  
Gov (M) (fpm):  
Slide (in):  
BT (ft/lb):  
Step/Skirt Index:

**Florida Statutes - This device:**

**Is Exempt: Section 399.15**

Alternate power requirements

**Is Exempt: Section 553.509**

Regional emergency elevator  
access/fire key requirements

**Violations:**

**404** Lighting, Emergency Lighting, GFCI's 2.14.7 A17.1  
One emergency lamp is not illuminating, repair or replace  
as needed.

**G084** Lighting 106.1e, A17.1, NEC  
Pit lamps must be made to illuminate.

**G108** Debris 1206.2, A17.1  
Pit must be cleaned.

**H208a** Machine Room: Pipes, wiring, & ducts. Foreign equipment.  
Remove 55 gallon drum full of old oil removed from pit.

**Additional Comments:**

When running against stop ring pressure built up to over 600 psi,  
belts slipping on pump. Mechanic adjusted relief valve within 150%  
and sealed. Adjust or replace belts as needed. Obtain permit to  
repair or replace relief valve.

**NOTICE TO ELEVATOR OWNER**

The violations noted must be corrected and Broward County Building Code Services Division - Elevator Section notified of compliance within 90 DAYS from the date of this inspection. Any elevator owner who fails to comply with this order within 90 days is subject to an administrative fine up to \$1,000 PER UNCORRECTED VIOLATION in addition to any other penalty provided by law. If this elevator is operating under a complete service maintenance contract, notify your elevator company immediately. IF NO VIOLATIONS ARE INDICATED, DO NOT RETURN THIS FORM.

BCID 33505 Page 1 of 1

J3668039P45048160

ELEVATOR OWNER/MANAGER: I hereby certify that the violations have been corrected.

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

# Sample Elevator Inspection (Approved with Exceptions- Pending)



**Broward County, Florida****Building Code Services Division**

1 North University Drive, Box #302, Plantation, FL 33324-2038

Phone: 954-765-4508 Fax: 954-765-4785

**ELEVATOR INSPECTION REPORT  
and  
VIOLATIONS TO BE CORRECTED**

Inspection Type: **Routine + Annual**  
Result: **Approved with Exceptions**  
Inspection Date: **07/11/2017**  
Inspector: **William Redmond CEI #238**  
(954) 658-1902

BCID: **33505** License  
Type: **Hydraulic Passenger**  
Floors: **3** Lbs.: **2100**  
Route: **Area 09**

Building Name: **ONE UNIVERSITY DR PARKING GARAGE**  
Address: **1 UNIVERSITY DR**  
**PLANTATION, FL 33324**

Person receiving this report:  
**John Wallace**

Maintenance Co.: **THYSSENKRUPP ELEVATOR**  
(954) 971-6500

CC #: **3895**

DCF Front (lbs):

DCF Back (lbs):

NL (psi): **200**

FL (psi): **310**

REL (psi): **350**

Gov (E) (fpm):

Gov (M) (fpm):

Slide (in):

BT (ft/lb):

Step/Skirt Index:

Florida Statutes - This device:

**Is Exempt: Section 399.15**

Alternate power requirements

**Is Exempt: Section 553.509**

Regional emergency elevator  
access/fire key requirements

Violations:

**404** Lighting, Emergency Lighting, GFCI's 2.14.7 A17.1  
One emergency lamp is not illuminating, repair or replace  
as needed.

**G084** Lighting 106.1e, A17.1, NEC  
Pit lamps must be made to illuminate.

**G108** Debris 1206.2, A17.1  
Pit must be cleaned.

**H208a** Machine Room: Pipes, wiring, & ducts. Foreign equipment.  
Remove 55 gallon drum full of old oil removed from pit.

Additional Comments:

**When running against stop ring pressure built up to over 600 psi,  
belts slipping on pump. Mechanic adjusted relief valve within 150%  
and sealed. Adjust or replace belts as needed. Obtain permit to  
repair or replace relief valve.**

**NOTICE TO ELEVATOR OWNER**

The violations noted must be corrected and Broward County Building Code Services Division - Elevator Section notified of compliance within 90 DAYS from the date of this inspection. Any elevator owner who fails to comply with this order within 90 days is subject to an administrative fine up to \$1,000 PER UNCORRECTED VIOLATION in addition to any other penalty provided by law. If this elevator is operating under a complete service maintenance contract, notify your elevator company immediately. IF NO VIOLATIONS ARE INDICATED, DO NOT RETURN THIS FORM.

BCID 33505 Page 1 of 1

ELEVATOR OWNER/MANAGER: I hereby certify that the violations have been corrected.

Signature: *[Signature]*

Print Name: \_\_\_\_\_

Title: *Elevator System Specialist*

Date: *3/2/18*

# Sample Elevator Inspection (Approved with Exceptions- Received)



**Broward County, Florida****Building Code Services Division**

1 North University Drive, Box #302, Plantation, FL 33324-2038

Phone: 954-765-4508 Fax: 954-765-4785

e-mail: [elevators@broward.org](mailto:elevators@broward.org)

TEST SYSTEM (POSTX2)

**ELEVATOR INSPECTION REPORT  
and  
VIOLATIONS TO BE CORRECTED**

Inspection Type: Routine + Annual  
Result: Disapproved  
Inspection Date: 05/01/2018  
Inspector: William Redmond CEI #238  
(954) 658-1902

BCID: 33505 License  
Type: Hydraulic Passenger  
Floors: 3 Lbs.: 2100  
Route: Area 09

Building Name: BROWARD COUNTY GCW PARKING DECK  
Address: 1 UNIVERSITY DR  
PLANTATION, FL 33324

Person receiving this report:  
Damaris Lugo

Maintenance Co.: EASTERN ELEVATOR SERVICE, INC  
(954) 591-2831

[dlugo@broward.org](mailto:dlugo@broward.org)

DCF Front (lbs):

DCF Back (lbs):

NL (psi):

FL (psi):

REL (psi):

Gov (E) (fpm):

Gov (M) (fpm):

Slide (in):

BT (ft/lb):

Step/Skirt Index:

Florida Statutes - This device:**Is Exempt: Section 399.15**Regional emergency elevator  
access/fire key requirements**Is Exempt: Section 553.509**

Alternate power requirements

Last Inspection Date Sticker Posted?

No

Violations:

118 Hydraulic Elevator Test Category 1 8.11.3.2 A17.1  
Underline hydraulic piping leaking during testing. Must be  
repaired.

Additional Comments:

A permit to repair underground oil line must be obtained and a  
callback inspection scheduled.

**NOTICE TO ELEVATOR OWNER**

The violations noted must be corrected and Broward County Building Code Services Division - Elevator Section notified of compliance within 90 DAYS from the date of this inspection. Any elevator owner who fails to comply with this order within 90 days is subject to an administrative fine up to \$1,000 PER UNCORRECTED VIOLATION in addition to any other penalty provided by law. If this elevator is operating under a complete service maintenance contract, notify your elevator company immediately. IF NO VIOLATIONS ARE INDICATED, DO NOT RETURN THIS FORM.

BCID 33505 Page 1 of 1

J3668039P45756046

ELEVATOR OWNER/MANAGER: I hereby certify that the violations have been corrected.

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

# Sample Elevator Inspection (Disapproved)





**Broward County, Florida****Building Code Services Division**

1 North University Drive, Box #302, Plantation, FL 33324-2038

Phone: 954-765-4508 Fax: 954-765-4785

e-mail: [elevators@broward.org](mailto:elevators@broward.org)

TEST SYSTEM (POSTX2)

**ELEVATOR INSPECTION REPORT****and  
VIOLATIONS TO BE CORRECTED**Inspection Type: **Alteration**Result: **Approved**Inspection Date: **07/13/2018**Inspector: **William Redmond CEI #238**  
(954) 658-1902Building Name: **BROWARD COUNTY GCW PARKING DECK**Address: **1 N UNIVERSITY DR  
PLANTATION, FL 33324**Maintenance Co.: **EASTERN ELEVATOR SERVICE, INC**  
(954) 591-2831

BCID: 33505 Permit

Type: **Hydraulic Passenger**

Floors: 3 Lbs.: 2100

Route: **Area 09**

Person receiving this report:

**Damaris Lugo**[dlugo@broward.org](mailto:dlugo@broward.org)

CC #: 0000

DCF Front (lbs): **25**

DCF Back (lbs):

NL (psi): **200**FL (psi): **310**REL (psi): **350**

Gov (E) (fpm):

Gov (M) (fpm):

Slide (in):

BT (ft/lb):

Step/Skirt Index:

Florida Statutes - This device:**Is Exempt: Section 399.15**Regional emergency elevator  
access/fire key requirements**Is Exempt: Section 553.509**

Alternate power requirements

Last Inspection Date Sticker Posted?**Yes**Violations: NONEAdditional Comments:Replacement of underground hydraulic oil line approved. See  
callback report on this date.**NOTICE TO ELEVATOR OWNER**

The violations noted must be corrected and Broward County Building Code Services Division - Elevator Section notified of compliance within 90 DAYS from the date of this inspection. Any elevator owner who fails to comply with this order within 90 days is subject to an administrative fine up to \$1,000 PER UNCORRECTED VIOLATION in addition to any other penalty provided by law. If this elevator is operating under a complete service maintenance contract, notify your elevator company immediately. IF NO VIOLATIONS ARE INDICATED, DO NOT RETURN THIS FORM.

BCID 33505 Page 1 of 1

J45756064P45756074

ELEVATOR OWNER/MANAGER: I hereby certify that the violations have been corrected.

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

# Sample Elevator Inspection (Alteration)



**Broward County, Florida****Building Code Services Division**

1 North University Drive, Box #302, Plantation, FL 33324-2038

Phone: 954-765-4508 Fax: 954-765-4785

e-mail: [elevators@broward.org](mailto:elevators@broward.org)

TEST SYSTEM (POSTX2)

**ELEVATOR INSPECTION REPORT****and  
VIOLATIONS TO BE CORRECTED**

Inspection Type: Call Back + Annual  
Result: Approved  
Inspection Date: 07/13/2018  
Inspector: William Redmond CEI #238  
(954) 658-1902

BCID: 33505 License  
Type: Hydraulic Passenger  
Floors: 3 Lbs.: 2100  
Route: Area 09

Building Name: BROWARD COUNTY GCW PARKING DECK  
Address: 1 UNIVERSITY DR  
PLANTATION, FL 33324  
Person receiving this report:  
Damaris Lugo

Maintenance Co.: EASTERN ELEVATOR SERVICE, INC  
(954) 591-2831  
dlugo@broward.org  
CC #: 0000

DCF Front (lbs): 25

DCF Back (lbs):

NL (psi): 200

FL (psi): 310

REL (psi): 350

Gov (E) (fpm):

Gov (M) (fpm):

Slide (in):

BT (ft/lb):

Step/Skirt Index:

Florida Statutes - This device:Is Exempt: Section 399.15Regional emergency elevator  
access/fire key requirementsIs Exempt: Section 553.509

Alternate power requirements

Last Inspection Date Sticker Posted?

Yes

Violations: NONEAdditional Comments:Violation 118 cited on report dated 05/01/2018 has been corrected.  
See alteration report on this date.**NOTICE TO ELEVATOR OWNER**

The violations noted must be corrected and Broward County Building Code Services Division - Elevator Section notified of compliance within 90 DAYS from the date of this inspection. Any elevator owner who fails to comply with this order within 90 days is subject to an administrative fine up to \$1,000 PER UNCORRECTED VIOLATION in addition to any other penalty provided by law. If this elevator is operating under a complete service maintenance contract, notify your elevator company immediately. IF NO VIOLATIONS ARE INDICATED, DO NOT RETURN THIS FORM.

BCID 33505 Page 1 of 1

J3668039P45756083

ELEVATOR OWNER/MANAGER: I hereby certify that the violations have been corrected.

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

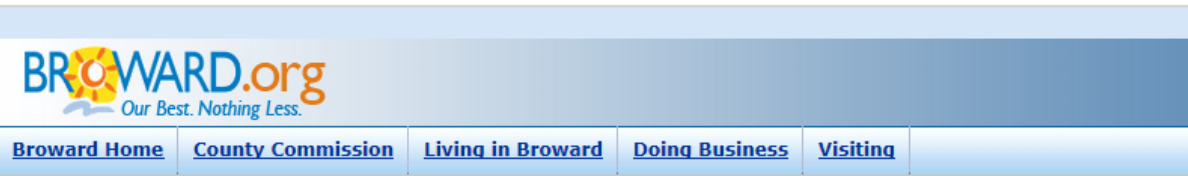
Title: \_\_\_\_\_ Date: \_\_\_\_\_

# Sample Elevator Inspection (Call Back)



# Obtaining Inspection Results

## ► Obtain Results through the online Portal



Account

► Sign In

Broward

► BCS Home

► Home

Permits

► Search for Permit

► Search for Address

Contractor Licenses

► Find My Licenses

► Search for License

Find elevating devices

Elevators

► Search for Elevator

► Renew Elevator Certificate

Certificates Of Use

► Search for C.U.

► Zoning Forms

Enforcement

► Search by Case or Address

► Search by Folio or Parcel

### Save time Online!

<b>Contractor Licenses</b>	No account is needed! Simply select one of the options from the left navigation menu.
<b>Elevators</b>	No account is needed! Simply select one of the options from the left navigation menu.
<b>Permits</b>	No account is needed to <b>SEARCH</b> for a permit. Simply select one of the options from the left navigation menu.  <b>CONTRACTORS</b> who already have an online permitting account may <u>SIGN IN NOW</u> to <b>APPLY</b> for a permit! <i>Up-to-date Worker's Compensation and Liability insurance are required when applying for a permit.</i>  <b>CONTRACTORS</b> may set up an online permitting account now! Simply select <b>New Account Setup</b> from the left navigation menu.

Account

► Sign In

Broward

► BCS Home

► Home

Permits

► Search for Permit

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### View Elevator

**General Information**

Status: Licensed

BC ID Number: 33503 License Issue Date: 06/12/2018

Folio Number: License Expiration Date: 08/01/2019

Building Name: BROWARD COUNTY GCW ELEV - 3

**Job Location**

Address: 1 N UNIVERSITY DR,  
PLANTATION , FL 33324

Jurisdiction:

Legal Description:

**Owner**

Name: BC FACILITIES MAINTENANCE DIVISION

Address: 115 S ANDREWS AVE RM 501  
FORT LAUDERDALE, FL 33301

Phone Number: (954) 357-5780

E-mail Address: bleder@broward.org

**Elevator Information**

Type of Elevator: Hydraulic Passenger

Stories: 4

Landings: 4

Capacity (lbs): 2500

Last Inspection Date: 04/20/2018

**Elevator Maintenance Company**

Company Name: THYSSENKRUPP ELEVATOR

Company Address: 2801 SW 15 ST  
POMPANO BEACH, FL 33069-

Company Phone Number: (954) 971-6500

**Fee Information**

Outstanding Fees:

Last Periodic Inspection: 04/20/2018 [Click here to view inspection report.]

Compliance Pending (if any)

# Elevator Owner Responsibilities

- ▶ Safe Operation of the Elevator
- ▶ Proper Maintenance of the Elevator
- ▶ Inspection of the Elevator
- ▶ Correction of code deficiencies of the elevator
- ▶ The elevator owner is responsible to obtain the certificate of operation from Broward County, renew it annually, and post it in plain view inside the elevator.





# Elevator Maintenance Company Responsibilities

- ▶ Responsible for ensuring elevator has passed acceptance inspection on new and alteration work.
- ▶ Broward County Code of Ordinances, Sec. 21-8. - Documentation of elevator service:
  - “ Anytime a registered elevator company performs work pursuant to a service maintenance contract, but before leaving the worksite, the company shall provide an ROV (Record of Visit) to the building owner.”
- ▶ All work on an Elevator must be performed by a Certified Elevator Technician.



# Variance Process



Environmental Protection and Growth Management Department  
**ENVIRONMENTAL LICENSING AND BUILDING PERMITTING DIVISION**  
1 North University Drive, Box #302 • Plantation, Florida 33324 • 954-765-4400 • broward.org/permittingandlicensing

Print

## Petition for Variance ASME 17.3 – 1996 Edition; A17.1 – 2007, 2008A, 2009B Edition

☐ Temporary ☐ Permanent

Date: \_\_\_\_\_

### Elevator Information

Petitioner Name		Property Name	
Street Address	City	State	Zip
Elevator License / BCID #	*Please only enter one number per petition		

I, \_\_\_\_\_ (owner/management company)

do hereby request a variance from the standard 90-day requirement for correction of violations noted on the attached Elevator Inspection, dated \_\_\_\_\_.

The violations listed on the Elevator Inspection that we cannot complete within 90 days are:

# \_\_\_\_\_, # \_\_\_\_\_, # \_\_\_\_\_ and # \_\_\_\_\_.

All remaining violations have been corrected.

### Violation Information

The violations to be corrected are as follows:  
(check all that apply)

- ☐ ASME A17.3 Section 2.7.4: Restricted Opening of Hoistway Doors  
☐ ASME A17.3 Section 2.7.4, Section 3.11.1: Car Emergency Signaling Devices  
☐ ASME A17.3 Section 2.7.4, Section 3.11.3: Fire Fighter's Service – Phase I and Phase II  
☐ ASME A17.3 Section 2.7.4, Section 3.4.5: Car Illumination  
☐ ASME A17. \_\_\_\_\_ Section \_\_\_\_\_: \_\_\_\_\_

The reason the 90-day requirement for compliance cannot be met is because:

(scope of hardship)

The repairs necessary to correct the violations listed above will be completed by:

Elevator Company Name			
Street Address	City	State	Zip
Work Will Begin (date)	Work will be Completed by (date)		

We are a private condominium/owner association and are in the process of complying with the requirement, but due to funding and/or construction delays, the work cannot be completed until the date listed above.

As can be seen from the supporting documentation, we propose to correct the elevator code violations to eliminate risk of injury to riders. We agree to post signage within the elevator that the unit is undergoing modifications and riders will use the conveyance at their own risk.

Copies of all inspections, proposals or signed contracts, letters of intent to comply, plan of corrective action and proof of financial hardship are attached to support this variance request.

All of the following documents must be submitted at the time of application for variance. Please check off the documents as submitted:

- ☐ Letter of intent to comply with a plan of corrective action (required)  
☐ Signed inspection report(s) showing what has been corrected (required)  
☐ Copy of proposal (required if you do not have a signed contract)  
☐ Copy of signed contract (not required if you have a proposal)  
☐ Copy of construction schedule (if available)  
☐ Proof of financial hardship (bank statements, ledgers, etc.) (required)



#### Please Note:

Cross out all financial (account) and identification numbers on all supporting documents provided  
There is a \$50 administrative fee for each elevator

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_



# For Change of Record and Inspection Scheduling

- ▶ For Change of Record, Contact Donette Powell or Francine Reid:

954-765-4400 Ext. 9381 & 9815

[dpowell@broward.org](mailto:dpowell@broward.org) & [freid@broward.org](mailto:freid@broward.org)

- ▶ Contact Tiffany Hannah to schedule an inspection:  
954-765-4400 Ext. 9898 [tiwilliams@broward.org](mailto:tiwilliams@broward.org)



# Questions





# Useful Forms

- [Approved Third-Party Certified Elevator Inspectors \(CEIs\)](#)
- [Elevator Owners Accident Report - Broward County](#)
- [Elevator Owners Accident Report - State of Florida DBPR HR-7016](#)
- [Petition for Variance](#)
- [Record of Visit \(ROV\): Affidavit](#)
- [Two Stop Elevator Exemption Addendum](#)
- [Two Stop Elevator Exemption Addendum Sample Document FAQs](#)
- [Verified Complaint: ROV](#)



# Useful Links

- [Broward County Elevators Section website](#)
- [Elevators FAQ's](#)
- [Broward County Online Permitting \(Search for inspection results\)](#)
- [Renew your Elevator Certificate of Operation Online](#)
- [Florida Bureau of Elevator Safety](#)
- [Elevators Statutes and Rules](#)

