



BROWARD COUNTY BOARD OF RULES AND APPEALS

ONE NORTH UNIVERSITY DRIVE
SUITE 3500-B
PLANTATION, FLORIDA 33324

PHONE: 954-765-4500
FAX: 954-765-4504

www.broward.org/codeappeal

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Board Administrative Director

James DiPietro

—ESTABLISHED 1971—

DATE: May 6, 2019

TO: Members of the Broward County Certification Standards Review Committee

Gregg D'Attile, Chair	Danny Ezzeddine	Claudio Grande	Russell Muniz
Stephen E. Bailey	John Famularo	Michael Guerasio	Miguel Nunez
Andre Bendavid	Jack Fisher	Mark Lubelski	Thomas Schubert
Michael T. Causley	Ted Fowler	Greg McLellan	Lisa Synalovski
			David Tringo

FROM: Michael Guerasio, Chief Structural Code Compliance Officer
Otto Vinas, Chief Plumbing Code Compliance Officer

SUBJECT: Meeting of Certification Standards Review Committee

Chair Greg D'Attile has called for a meeting of the Board's Certification Standards Review Committee on **May 16, 2018, 9 a.m.**, at Plantation Fire Station #56, 550 NW 65 Avenue, Plantation, Florida 33313.

A G E N D A

Roll Call:

Approval of Minutes – November 27, 2018

Business Items:

- 1) Discussion on Section 101.2.2, Definitions – Otto Vinas
 - a. **Accredited** – the term accredited is intended to mean a school that meets the same criteria that the State of Florida (DPBR) uses in evaluating a school for licensing or registration of engineers and architects
 - b. **Experience** – the term experience is intended to mean experience in the State of Florida
 - c. **Practice** – the term practice as it relates to architects and engineers is deemed to be the active engagement in the field of architecture or engineering in the State of Florida. The sole possession of such a license or registration does not constitute "practice".

- 2) Discussion on Certification Sections: Michael Guerasio
 - a. **104.1.3** Certification of the Building Official and the Assistant Building Official
 - b. **104.8** Certification of the Chief Structural Inspector
 - c. **104.10.1** Certification of the Structural Plans Examiner
 - d. **104.16.3** Certification of the Structural Inspector
 - e. **104.15.3** Certification of the Roofing Inspector
- 3) General Discussion
- 4) Public Comment – 3-minute time limit
- 5) Set Next Meeting Date
- 6) Adjournment

November 27, 2018
Meeting Minutes



BROWARD COUNTY

Board of Rules & Appeals

One North University Drive, Suite 3500B, Plantation, Florida 33324

Phone (954) 765-4500 Fax: (954) 765-4504

<http://www.broward.org/codeappeals.htm>

CERTIFICATION REVIEW COMMITTEE - BUILDING November 27, 2018 MEETING MINUTES

Call to order:

Chairman D'Attile called a published meeting of the Certification Review Committee to order at 9:12 a.m. The roll was called and the following members were present:

Present:

Gregg D'Attile, Chair
Stephen E. Bailey
George Desharnais, Jr.
Jack Fisher
Ted Fowler
Greg McLellan
Russell Muniz
Thomas Schubert
Lisa Synalovski
Otto Vinas

Approval of Minutes – October 31, 2018

A MOTION WAS MADE BY MR. DESHARNAIS AND SECONDED BY MR. VINAS TO APPROVE THE OCTOBER 31, 2018 MINUTES AS SUBMITTED. MOTION PASSED BY UNANIMOUS VOTE.

Business Items:

1. Final Version of Chief Structural Inspector Certification Requirements – Mike Guerasio – Page 8

Mr. Michael Guerasio, Chief Structural Code Compliance Officer, noted there are some capitalization issues that staff will correct for uniformity. Also, it is unclear as to who the accredited degrees in 104.8.3 apply. Staff recommends the addition of the following language to the last sentence in 104.8.3: "towards the combined experience requirements. This credit is not applicable towards the requirements under...". Mr. Vinas added it would apply to contractors, not architects and engineers.

Mr. Muniz pointed out that 108.8.1 should be 104.8.1. Also 104.8.2 and 104.8.3 need to be transposed so they will be listed in numeric order.

For a better read, Mr. Guerasio noted the addition of "of" after "all" in 104.8.1.1 and 104.8.1.2.

Mr. Vinas recommended that these changes be made to all disciplines, from inspector to plan reviewer.

A MOTION WAS MADE BY MR. MUNIZ AND SECONDED BY MR. DESHARNAIS TO ACCEPT THE CHANGES AS PRESENTED AND DESCRIBED ABOVE (SEE HANDOUT). THE MOTION PASSED BY UNANIMOUS VOTE.

A MOTION WAS MADE BY MR. VINAS AND SECONDED BY MS. SYNALOVSKI TO INCLUDE THE SAME LANGUAGE FOR THE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) DISCIPLINES. THE MOTION WAS AMENDED TO ALSO INCLUDE STRUCTURAL INSPECTORS AND PLANS EXAMINERS. THE AMENDED MOTION PASSED BY UNANIMOUS VOTE.

2. Continuation of discussion – Building Official and Assistant Building Official Certification Requirements – Mike Guerasio – Page 11

Mr. Michael Guerasio, Chief Structural Code Compliance Officer, advised that as with the previous item, Staff recommends the addition of the following language to the last sentence of 104.1.3.4: “towards the combined experience requirements. This credit is not applicable towards the requirements under 104.1.3.1.1.”

Mr. McLellan suggested “which” in the last sentence of 104.1.3.1.2 be deleted and the sentence begin with “A”. There was no objection.

Mr. Guerasio felt there should be an experience requirement in a building department for an individual to become a building official. Mr. James DiPietro, Administrative Director, provided the history on the point raised by Mr. Guerasio and code language.

A MOTION WAS MADE BY MR. DESHARNAIS AND SECONDED BY MS. SYNALOVSKI TO ADD THE FOLLOWING LANGUAGE NUMBERED 104.1.3.2: “AS PART OF THE COMBINED EXPERIENCE REQUIREMENTS, THE APPLICANT SHALL HAVE BEEN EMPLOYED BY A MUNICIPALITY OR PRIVATE COMPANY CONTRACTED BY A MUNICIPALITY IN THE STATE OF FLORIDA FOR A MINIMUM OF TWO YEARS, AND RENUMBER THE CURRENT 104.1.3.2, 104.1.3.3 AND 104.1.3.4 TO FOLLOW NUMERICALLY. THE MOTION PASSED BY UNANIMOUS VOTE.

There was extensive discussion concerning the point raised by Mr. Guerasio. The above motion was then crafted and adopted.

Mr. DiPietro commented that this would broaden the base of people from which to draw for this position and consequently move away from the notion that Broward is a closed shop. Some discussion ensued about a point raised by Mr. Guerasio, that the HVHZ experience requirement in 104.1.3.1.1 and 104.1.3.1.2 would be a factor with requiring a minimum period of time being employed in a State of Florida building department. The period of time in a State of Florida building department would be combined with the other experience specified. Mr. Dan Lavrich, Chairman of the Board of Rules and Appeals emphasized it should be made clear it is not an addition, but rather combined. Mr. Rolando Soto, Chief Mechanical Code Compliance Officer, pointed out the focus should be on experience as an inspector or plans examiner.

The question was raised about an individual contracted by a private company to work in a building department. Mr. DiPietro described the difference between a private contractor and a private provider. Different than a private provider (defined in State law), a private contractor is hired by a municipality and becomes an inspector for that municipality which is certified by the Board of Rules and Appeals. Private providers are not recognized by the Board of Rules and Appeals.

Mr. McLellan suggested this experience be at the discretion of the Board of Rules and Appeals in their certification consideration however there was no consensus agreement.

A MOTION WAS MADE BY MR. SCHUBERT AND SECONDED BY MR. VINAS TO ADD “OR” TO 104.1.3.3 BETWEEN THE TWO SECTION REFERENCES. THE MOTION PASSED BY UNANIMOUS VOTE.

There was consensus agreement that all of the final language be provided to the Committee by email with a reply within 72 hours of receipt. Mr. DiPietro noted that it will have a legal review and then be scheduled on the Board’s January meeting. Chairman D’Attile indicated if there is anything significant in the legal review, it would require another meeting of the Committee for review.

3. **General Discussion**

4. **Public Comment – 3-minute time limit** - none

5. **Set next meeting date**

Not necessary; Committee concluded their assignment.

6. **Adjournment**

There being no further business, the meeting adjourned at 10:50 a.m.

Item 1

Definitions

Florida Building Code 6th Edition (2017)
Chapter 1
Administration — Broward County

SECTION 101
GENERAL

101.1 Title. These regulations shall be known as the “Florida Building Code” hereinafter referred to as FBC or “this Code.”

101.2 Scope. The provisions of this Chapter shall govern the administration and enforcement of the FBC, Fire Protection Provisions of this Code and FFPC and shall apply countywide in both incorporated and unincorporated areas of Broward County, Florida. The provisions of this Code shall apply to the construction, alteration, relocation, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

Exceptions:

1. Detached one- and two-family dwellings and multiple single-family dwellings (town houses) not more than three stories above grade plane in height with a separate means of egress and their accessory structures shall comply with the FBC, Residential.
2. Code Requirements that address snow loads and earthquake protection are pervasive; they are left in place but shall not be utilized or enforced because Florida has no snow load or earthquake threat.

101.2.1 Appendices: Provisions in the appendices shall not apply unless specifically adopted by BORA.

101.2.2 Definitions:

- A. Accredited** – the term accredited is intended to mean a school that meets the same criteria that the State of Florida DPBR uses in evaluating a school for licensing or registration of Engineers and Architects.
- B. AHJ** (means Authority Having Jurisdiction) shall be a federal, state, local (Building or Fire Service Provider), or individual such as a Building Official, Assistant Building Official; Chief Electrical / Mechanical / Plumbing / Structural Inspector; Fire Chief; Fire Marshal/ Fire Code Official; or Broward County Board of Rules and Appeals.
- C. Architect** means Registered Architect, registered in the State of Florida.
- D. BCAIB** means The Building Code Administrators and Inspectors Board.
- E. BORA** means the Broward County Board of Rules and Appeals.
- F. CILB** means the Florida Construction Industry Licensing Board.

- G. ECLB** means the Florida Electrical Contractors Licensing Board
- H. Engineer** means licensed Professional Engineer, licensed in the State of Florida.
- I. Experience** – the term experience is intended to mean experience in the State of Florida.
- J. FAC** means Florida Administrative Code.
- K. FFPC** means the Florida Fire Prevention Code including the Broward County Local Fire Amendments to the Florida Fire Prevention Code.
- L. Fire Code Manager / Administrator** means Fire Code Official or Fire Marshal.
- M. Fire Service Provider** means Fire Department.
- N. G.C.** means an unlimited General Contractor licensed by either the CILB, the Broward County Central Examining Board or the Miami-Dade Construction Trades Qualifying Board.
- O. HVHZ** means the High Velocity Hurricane Zone.
- P. Practice** – the term practice as it relates to architects and engineers is deemed to be the active engagement in the field of Architecture or Engineering in the State of Florida. The sole possession of such a license or registration does not constitute “practice.”
- Q. SFBC** means South Florida Building Code, Broward Edition.

101.3 Intent. The purpose of this Code is to establish the minimum requirements to safeguard, the public health, safety and general welfare through structural strength, means of egress, facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide safety to fire fighters and emergency responders during emergency operations.

101.4 Referenced Codes. The other codes listed in Sections 101.4.1 through 101.4.11 and referenced elsewhere in this Code shall be considered part of the requirements of this Code to the prescribed extent of each such reference.

101.4.1 Electrical. The provisions of Chapter 27 of the FBC, Building, NFPA 70, Fire Protection Provisions of this Code and FFPC shall apply to electrical components, equipment and systems.

101.4.2 Gas. The provisions of the FBC, Fuel Gas, shall apply to the installation of gas piping, gas appliances and related accessories as covered in this Code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances, and the installation and operation of residential and commercial gas appliances and related accessories.

101.4.3 Mechanical. The provisions of the FBC, Mechanical, shall apply to the installation of mechanical systems, including, but not limited to, alterations, repairs,

Item 2
Structural Certification
Requirements

Current Version of Chapter 1

SECTION 104

POWERS AND DUTIES OF THE BUILDING OFFICIAL, ASSISTANT BUILDING OFFICIAL, FIRE CODE OFFICIAL, CHIEF INSPECTOR, PLAN EXAMINER, AND INSPECTOR

104.1 Building Official. As set forth herein:

104.1.1 Appointment of a Building Official. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.1.3 to serve as a Building Official. To be eligible for appointment as a Building Official, such person shall be certified by BORA. The Building Official shall be the principal enforcing officer of this Code. Based on current technology, the Building Official does not have to be personally present at the governmental department as long as he or she is available by telephone/computer etc. and can perform his or her duties.

104.1.1.1 Appointment of an Interim Building Official.

- a) In the event that the Building Official is not available to perform his or her duties, each governmental AHJ shall appoint an Interim Building Official provided such person is qualified as set forth in Section 104.1.3 of this Code, BORA shall be notified in writing by the Building Official or governmental AHJ of the starting date and period of time that the Interim Building Official or Assistant Building Official will assume the Building Official’s duties. The name of the Interim Building Official will be recorded by BORA, but he or she will not be issued a certification card as a Building Official. If there is one Inspector hired by a governmental AHJ in Broward County, that Inspector shall be a Building Official. The Building Official shall have the authority to delegate powers, duties and assignments to subordinate regular employees working under his or her authority, but only to those employees certified by BORA as qualified to perform such powers, duties and assignments. It shall be his or her duty and responsibility to supervise and coordinate the work of all subordinate Assistant Building Officials, Chief Inspectors, Plans Examiners and Inspectors.
- b) In the event that the Building Official’s employment with the jurisdiction is terminated, an Interim Building Official may be appointed while the Building Official is being replaced with a permanent appointee. An Interim Building Official shall not be appointed for more than 90 days. An Interim Building Official shall be qualified as a Building Official as specified in 104.1.3. The name of the Interim Building Official will be recorded by BORA, but he/she will not be issued a certification card as a Building Official.

104.1.2 Powers and Duties of the Building Official. The Building Official shall be vested with the powers and subject to regulations, as provided by Chapter 468 Florida Statutes and BORA, as set forth in Section 113 of this Code. The Building Official is hereby authorized and directed to enforce the provisions of this Code. The Building Official shall delegate powers, duties and assignments to BORA certified Chief Inspectors to render interpretations of this Code and to adopt policies and procedures in order to clarify the application of the technical provisions of this Code in categories in which the Building Official is not certified. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this Code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this Code.

104.1.3 Certification of the Building Official and the Assistant Building Official. To be eligible for appointment as a Building Official or Assistant Building Official, such person shall be certified as required BCAIB as a Building Code Administrator.

104.1.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications.

104.1.3.1.1 A Florida Registered Architect or Florida licensed Professional Engineer having practiced for at least seven (7) years, a minimum of five (5) years shall have been within the jurisdiction of the HVHZ.

104.1.3.1.2 Ten (10) years combined experience as a Master Electrician, Electrical Contractor, General Contractor, Master Mechanical, Mechanical Contractor, Class A Air Conditioning Contractor, Master Plumber, Plumbing Contractor, Chief Inspector, Plans Examiner or Inspector employed by a municipality or private company contracted with a municipality. A minimum of five (5) years shall have been within the jurisdiction of the HVHZ.

104.1.3.2 As part of the combined experience requirements, the applicant shall have been employed by a municipality or private company contracted by a municipality in the State of Florida for a minimum of two (2) years.

104.1.3.3 Each of the applicants shall possess a current Certificate of Competency or a Professional Engineer license or Architect registration issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board as a General Contractor, Mechanical Contractor or Plumbing Contractor.
- B. Florida Electrical Contractors Licensing Board as an Electrical Contractor.
- C. Broward County Central Examining Board of Building Construction Trades. (As Class “A” Unlimited General Contractor).

- D. Broward County Central Examining Board of Electricians as a Master Electrician and/ or Electrical Contractor.
- E. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors as a Mechanical Contractor or Class A Air Conditioning Contractor.
- F. Broward County Central Examining Board of Plumbers as a Master Plumber.
- G. Miami-Dade County Construction Trades Qualifying Board, for any of the above-referenced disciplines.
- H. Florida Board of Architecture and Interior Design.
- I. Florida Board of Professional Engineers.

104.1.3.4 An applicant for Certification as Building Official or Assistant Building Official under the provisions of this section may only substitute two years HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam. ~~who has passed BORA HVHZ competency exam may substitute two (2) years experience within the State of Florida for two (2) years of the required HVHZ experience requirement as specified in section 104.1.3.1.1 or 104.1.3.1.2.~~

104.1.3.5 An applicant for Certification as a Building Official or Assistant Building Official under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction from an accredited school may be credited for a maximum of three (3) years for Bachelor’s Degree or a maximum of one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under section 104.1.3.1.1.

104.2 Assistant Building Official: As set forth herein:

104.2.1 Appointment of an Assistant Building Official. There may be appointed by each governmental AHJ a person qualified as set forth in Section 104.1.3 to serve as an Assistant Building Official. To be eligible for appointment as an Assistant Building Official, such person shall be certified by BORA and shall meet the qualifications equal to the requirements for Building Official. No other title is recognized for certification by BORA.

104.2.2 Powers and Duties of the Assistant Building Official. The Assistant Building Official shall be vested with the powers and subject to regulations, as provided by Chapter 468 Florida Statutes and BORA, as set forth in Section 113 of this Code. The Assistant Building Official shall be responsible for duties as assigned by the Building Official. The Assistant Building Official shall fulfill the duties of the Building Official during the absence of the Building Official with full responsibilities of the position.

104.3 Appointment of the Chief Electrical, Mechanical, Plumbing and Structural Inspector: As set forth herein.

There shall be appointed by each governmental AHJ a person qualified as set forth in the below Sections to serve as Chief Inspector in each discipline stated above. If there is one Inspector (each discipline stated above) hired by a governmental AHJ in Broward County, that Inspector shall be a Chief Inspector (Chief or Head of the Division). Based on current technology that the Chief Inspector (Chief or Head of the Division) does not have to be personally present at the governmental department as long as he or she is available by telephone/computer etc. and can perform their duties. To be eligible for appointment as a Chief Inspector (each discipline stated above), such person shall be certified by BORA.

104.3.1 Interim Chief Inspector. In the event that a Chief Inspector’s employment is terminated with a jurisdiction, or is otherwise unavailable, an Interim Chief Inspector may be appointed for up to 90 days while the Chief Inspector is being replaced with a permanent appointee. An approved application for a Chief Inspector must be submitted to BORA prior to the expiration of the 90 days. The Interim Chief Inspector shall be qualified as a Chief Inspector as specified in 104.5, 104.6, 104.7 or 104.8 of this code. BORA shall be notified in writing by the Building Official of the name and starting date of the Interim Chief Inspector. The name of the Interim Chief Inspector will be recorded by BORA but he or she will not be issued a certification card as the Chief Inspector.

104.4 Powers and Duties of the Chief Electrical, Mechanical, Plumbing and Structural Inspector. The Chief Inspector (each discipline stated above) shall be vested with the powers and subject to regulations by BORA as set forth in Section 113 of this Code. The Chief Inspector shall have the power to delegate powers, duties and assignments to subordinate regular employees working under his or her authority, but only to those employees certified by BORA as qualified to perform such powers, duties and assignments within his or her particular discipline. It shall be his or her duty and responsibility to supervise and coordinate the work of all subordinate Plans Examiners and Inspectors within his or her particular discipline. The Chief Inspector shall have the sole authority to render interpretations of this Code and to adopt policies and procedures in order to clarify the application of its provisions within his or her particular discipline. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this Code. Such policies and procedures shall not have the effect of waving requirements specifically provided for in this Code. The Inspection Department shall consist of one (1) Chief Inspector, one (1) or more Plans Examiner and one (1) or more Inspectors within his or her particular discipline. The Chief Inspector may hold any or all of these positions within his or her particular discipline.

104.5 Certification of the Chief Electrical Inspector. To be eligible for appointment as a Chief Electrical Inspector, such person shall be certified as required by BCAIB as an Electrical Plans Examiner and as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.5.1 Such person shall be certified by BORA and shall meet the following qualification:

104.5.1.1 An Electrical Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.2.1.

104.5.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.6 Certification of the Chief Mechanical. To be eligible for appointment as a Chief Mechanical Inspector, such person shall be certified as required by BCAIB as a Mechanical Plans Examiner and as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.6.1 Such person shall be certified by BORA and shall meet the following qualification:

104.6.1.1 A Mechanical Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.3.1.

104.6.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Mechanical or Mechanical Contractor or Class "A" Air Conditioning Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional

104.7 Certification of the Chief Plumbing Inspector. To be eligible for appointment as a Chief Plumbing Inspector, such person shall be certified as required by BCAIB as a Plumbing Plans Examiner and as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.7.1 Such person shall be certified by BORA and shall meet the following qualification:

104.7.1.1 A Plumbing Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.4.1.

104.7.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.8 Certification of the Chief Structural Inspector. To be eligible for appointment as a Chief Structural Inspector, such person shall be certified as required by BCAIB as a Structural Plans Examiner and Structural Inspector or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.8.1 Such person shall be certified by BORA and shall meet at least one of the following:

104.8.1.1 Six (6) years combined experience including all of the following:

- A. Architect or an Engineer having practiced within the HVHZ for a minimum two (2) years.
- B. A minimum of one (1) year as a Structural Plans Examiner within the HVHZ employed by a municipality or private company contracted with a municipality.
- C. A minimum of two (2) years as a Structural Inspector within the HVHZ employed by a municipality or private company contracted with a municipality, or a Florida School Board, within the HVHZ.

104.8.1.2 Eight (8) years combined experience including all of the following:

- A. Experience as General Contractor (Unlimited) licensed by the CILB, Broward County Central Examining Board or Miami-Dade County Construction Trades Qualifying Board.
- B. A minimum two (2) years construction experience in the Structural discipline within the HVHZ.
- C. A minimum of one (1) year as a Structural Plans Examiner employed by a municipality or private company contracted with a municipality or a Florida School Board within the HVHZ.

- D. A minimum of two (2) years as a Structural Inspector employed by a municipality or private company contracted with a municipality or a Florida School Board within the HVHZ.

104.8.2 An applicant for Certification as a Chief Structural Inspector under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.8.1.1.

104.8.3 An applicant for Certification as Chief Structural Inspector under the provisions of this section may only substitute two years of HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam. ~~who has passed BORA HVHZ Competency exam may substitute experience within the State of Florida for the required HVHZ experience requirements as specified in Section 104.8.1.1 or 104.8.1.2.~~

104.9 Appointment of the Electrical, Mechanical, Plumbing and Structural Plans Examiner. As set forth herein: There shall be appointed by each governmental AHJ a person qualified as set forth in the above and below Sections to serve as Plans Examiner in each discipline as stated above. To be eligible for appointment as a Plans Examiner, such person shall be certified by BORA.

104.10 Powers and Duties of the Electrical, Mechanical, Plumbing and Structural Plans Examiner. The Plans Examiner shall be responsible for duties as assigned by the Chief Inspector within his or her particular discipline. The Plans Examiner shall fulfill the duties of the Chief Inspector during the absence of the Chief Inspector with full responsibilities of the position within his or her particular discipline. The Plans Examiner shall examine all plans and/or specifications and applications for permits within his or her particular discipline. When approvals by other agencies having authority may logically be required to be affixed to the plans and/or specifications before approval by the Plans Examiner, such approval shall be affixed to the plans and/or specifications before examination by the Plans Examiner. If the application or plans and/or specifications do not conform to the requirements of all pertinent laws or regulations, the Plans Examiner shall reject such application in writing, stating the reasons therefore and citing the relevant code section(s). Plans and/or specifications which are rejected, as stated herein above, shall be returned for correction. Pen notations on mechanically reproduced plans and/or specifications may be accepted for only minor corrections. If the applications, plans and/or specifications, upon examination, are found to comply with the requirements of this Code, the plans and/or specifications shall be signed and marked approved.

104.10.1 Certification of the Structural Plans Examiner. To be eligible for appointment as a Structural

Plans Examiner, such person shall be certified by BCAIB as a Structural Plans Examiner or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.10.1.1 Such person shall also be certified by BORA by meeting at least one of the following:

104.10.1.1.1 Be a Florida Registered Architect or a Florida Licensed Professional Engineer, in the discipline requested and having practiced for a minimum of five (5) years, with two (2) years of HVHZ experience or by passing BORA's HVHZ exam.

104.10.1.1.2 Be a BCAIB certified Structural Inspector with seven (7) years of experience, two (2) years of which shall have been within the HVHZ or by passing BORA's HVHZ exam. An individual qualifying through this path shall be required to acquire an Unlimited G.C. license, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification.

104.10.1.1.3 Be a State Licensed G.C. with at least seven (7) years of combined experience in the structural discipline of which a minimum of two (2) years as a BCAIB certified Structural Inspector and two (2) years shall have been within HVHZ or by passing BORA's HVHZ exam.

104.10.1.1.4 Be an unlimited G.C., licensed by either, Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board with at least seven (7) years of combined experience of which a minimum of two (2) years as a BCAIB certified Structural Inspector and two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam.

104.10.1.2 An applicant for Certification as a Structural Plans Examiner under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.10.1.1.1.

104.10.1.3 An applicant for certification as Structural Plans Examiner under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.10.2 Certification of the Electrical Plans Examiner. To be eligible for appointment as an Electrical Plans

Examiner, such person shall be certified as required by BCAIB as an Electrical Plans Examiner and as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.10.2.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.2.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.2.1.2 An Electrical Inspector employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies at least one (1) of the qualifications of Section 104.12.3.1.

104.10.2.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.10.3 Certification of the Mechanical Plans Examiner. To be eligible for appointment as a Mechanical Plans Examiner, such person shall be certified as required by the BCAIB as a Mechanical Plans Examiner and as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.10.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.3.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.3.1.2 A Mechanical Inspector employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one the qualifications of Section 104.13.3.1.

104.10.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License as a Master Mechanical or Mechanical Contractor or Class "A" Air Conditioning Contractor or Class "B" Air Conditioning Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board

- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.10.3.2.1 Individuals holding licenses as a Class "B" Air Conditioning Contractor, with a current Certificate of Competency issued by the above-mentioned Boards, shall have duties limited to the examination of air conditioning and mechanical plans within the scope of his or her Certificate of Competency.

104.10.4 Certification of the Plumbing Plans Examiner. To be eligible for appointment as a Plumbing Plans Examiner, such person shall be certified as required by BCAIB as a Plumbing Plans Examiner and as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.10.4.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.4.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.4.1.2 A Plumbing Inspector employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with the at least one (1) of the qualifications of Section 104.14.3.1.

104.10.4.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.11 Powers and Duties of the Electrical, Mechanical, Plumbing, Roofing and Structural Inspector. The Electrical, Mechanical, Plumbing, Roofing, and Structural Inspectors shall comply with rules and regulations of this Code, enforcing all the laws, rules and regulations relating thereto in the area of jurisdiction and enforcing all the provisions of this Code. If defects, omissions or violations exist on any other part relating to work for which approval is requested, the issuance of the Approval shall be withheld until corrections have been made to the defective portion and the same are made to comply with this Code. The Inspector shall serve notice to the contractor/representative or owner/representative in writing,

stating the reasons therefore and citing the relevant code section(s) of this Code.

104.12 Electrical Inspector. As set forth herein:

104.12.1 Appointment of an Electrical Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.12.3 to serve as an Electrical Inspector. To be eligible for appointment as an Electrical Inspector, such person shall be certified by BORA.

104.12.2 Powers and Duties of the Electrical Inspector.

104.12.2.1 Such employee shall have the duties and powers as delegated by the Chief Electrical Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Electrical Code.

104.12.2.2 It shall be the duty of the Electrical Inspector to inspect any work on electrical installations shall be held to include and govern all work and materials used in installing, maintaining and/or extending a system of electrical wiring for the use of light, heat, power or low voltage systems, and all appurtenances, apparatus, or equipment used in connection therewith, inside of or attached to any building or structure, lot or premise and every electrical system or device, (all wiring, apparatus and equipment, and all installations for light, heat, power and low voltage systems), installed in new construction, additions, alterations or repairs to existing electrical systems, apparatus or equipment in existing construction.

104.12.2.3 The Electrical Inspector shall issue an Approval for all installations of light, heat, power and low voltage systems (burglar alarms, central vacuums, communications, computer systems, fiber optics, fire alarms, telephone, television and all other systems 98 volts and less) that comply with the rules and regulations of this Electrical Code.

104.12.2.4 A 30-day temporary electrical service connection shall be approved by the Electrical Inspector, where the need for electrical power exists, if the wiring installation, apparatus or equipment is found to be in a safe operating condition. Under these circumstances, an application for temporary service shall be made in writing by the electrical contractor, firm, corporation, or owner requesting a temporary service connection to the public utility system or isolated generating plant.

104.12.2.5 The Electrical Inspector is hereby empowered to inspect or re-inspect any wiring, equipment or apparatus used in the installation of light, heat, power or low voltage systems and if this wiring, equipment, apparatus or low voltage system is found to be unsafe to life or property, the Electrical Inspector shall serve notice to the owner and/or operator, in

writing, stating the reasons therefore and citing the relevant code section(s) of this Electrical Code, that the hazardous wiring, or equipment exists and shall be corrected within a reasonable period of time.

104.12.2.6 The Electrical Inspector is hereby given the power to disconnect extension cords, temporary wiring, branch circuits, feeder conductors or the main service supplying electrical energy to any portion of an electrical wiring system in buildings, or on premises, if this wiring is in the opinion of the Electrical Inspector, considered to be hazardous to life or property. Any person, firm or corporation supplying current, shall disconnect service from the source of supply upon instructions from the Chief Electrical Inspector where hazards are deemed to exist, after receiving written notice citing the appropriate Code Section(s) of this Electrical Code from the Electrical Inspector.

104.12.3 Certification of the Electrical Inspector. To be eligible for appointment as an Electrical Inspector, such person shall be certified as required by BCAIB as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.12.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.12.3.1.1 An Engineer in the discipline requested.

104.12.3.1.2 Five (5) years construction experience in the electrical discipline in a supervisory capacity and possess a Certificate of Competency as a Master Electrician or Electrical Contractor.

104.12.3.1.3 Five (5) years construction experience in the electrical discipline and five (5) years experience as an Electrical Inspector certified by BCAIB and possess a Certificate of Competency as a Master Electrician or Electrical Contractor.

104.12.3.1.4 Seven (7) years construction experience in the electrical discipline and possess a Certificate of Competency as a Journeyman Electrician.

104.12.3.1.5 Ten (10) years experience as an Electrical Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person certified under this section is exempt from Section 104.12.3.2.

104.12.3.2 Each of the applicants shall possess a current Certification of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Journeyman Electrician or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board, Block proctored
- D. Florida Board of Professional Engineers

104.12.3.3 An applicant for Certification as an Electrical Inspector under the provisions of this Section who is a graduate from an accredited school holding a Bachelor or an Associate of Science Degree in Electrical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.12.3.1.1.

104.13 Mechanical Inspector: As set forth herein:

104.13.1 Appointment of a Mechanical Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.13.3 to serve as Mechanical Inspector. To be eligible for appointment as a Mechanical Inspector, such person shall be certified by BORA.

104.13.2 Powers and Duties of the Mechanical Inspector.

104.13.2.1 Such employee shall have the duties and powers as delegated by the Chief Mechanical Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Mechanical Code.

104.13.2.2 The Mechanical Inspector shall issue an Approval for all installations of mechanical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and/or appurtenances thereto, including ventilating, heating, cooling, air conditioning and refrigeration systems and other energy-related systems that comply with the rules and regulations of this Mechanical Code.

104.13.2.3 It shall be the duty of the Mechanical Inspector to inspect all installations of ventilation, air conditioning and refrigeration systems and equipment. Existing installations not conforming to the requirements of this Mechanical Code shall be made to comply, when relocated, or when altered or repaired, in compliance with the FBC, Existing Building. The Mechanical Inspector shall enforce all the laws, rules and regulations relating thereto in the area of jurisdiction and to enforce all the provisions of this Mechanical Code.

104.13.3 Certification of the Mechanical Inspector. To be eligible for appointment as a Mechanical Inspector, such person shall be certified as required by the BCAIB as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.13.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.13.3.1.1 An Engineer in the discipline requested.

104.13.3.1.2 Five (5) years construction experience in the mechanical discipline in a supervisory capacity and possess a Certificate of Competency as a Master Mechanical or Mechanical Contractor or Class “A” Air Conditioning Contractor or Class “B” Air Conditioning Contractor.

104.13.3.1.3 Five (5) years construction experience in the mechanical discipline and five (5) years experience as a Mechanical Inspector certified by BCAIB and possess a Certificate of Competency as a Master Mechanical or Mechanical Contractor or Class “A” Air Conditioning Contractor or Class “B” Air Conditioning Contractor.

104.13.3.1.4 Seven (7) years construction experience in the mechanical discipline and possess a Certificate of Competency as a Journeyman Mechanical.

104.13.3.1.5 Ten (10) years experience as a Mechanical Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person certified under this section is exempt from Section 104.13.3.2.

104.13.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Mechanical or Mechanical Contractor or Class “A” Air Conditioning Contractor or Class “B” Air Conditioning Contractor or Journeyman Mechanical or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.13.3.2.1 Individuals holding licenses as a Class “B” Air Conditioning Contractor, with a current Certificate of Competency issued by the above-mentioned Boards, shall have duties limited to the inspection of air conditioning and mechanical work within the scope of his or her Certificate of Competency.

104.13.3.3 An applicant for Certification as a Mechanical Inspector under the provisions of this Section who is a graduate from an accredited school

holding a Bachelor or an Associate of Science Degree in Mechanical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.13.3.1.1.

or to threaten or impair the health of any individual or the public in general. The contents of such installations shall not be permitted to overflow in a building, on a premise or upon the surface of the ground, street or sidewalk. It shall be unlawful for any person, firm or corporation whether owner or agent, to create, keep, cause, maintain, propagate or permit the existence of a nuisance as defined in this Plumbing Code. Any building or premises found to be unsanitary or inadequate, or which constitute a health or safety hazard, or which by reason of illegal use or improper use, occupancy or maintenance constitute a violation of the provisions of this Plumbing Code, shall be deemed to be unsafe. The Plumbing Inspector shall have the power to abate any nuisance by the issuance of a notice to correct and/or eliminate the nuisance within a reasonable length of time.

104.14 Plumbing Inspector. As set forth herein:

104.14.1 Appointment of a Plumbing Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.14.3 to serve as Plumbing Inspector. To be eligible for appointment as a Plumbing Inspector, such person shall be certified by BORA.

104.14.2 Powers and Duties of the Plumbing Inspector.

104.14.2.1 Such employee shall have the duties and powers as delegated by the Chief Plumbing Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Plumbing Code.

104.14.2.2 The Plumbing Inspector shall issue an Approval for all installations of plumbing and sanitary systems, appliances, plumbing fixtures, fittings and/or appurtenances thereto, including heating and storing water, backflow and backsiphonage, public and private sewer disposal and drainage systems that comply with the rules and regulations of this Plumbing Code.

104.14.2.3 It shall be the duty of the Plumbing Inspector to inspect all new plumbing or drainage systems or parts thereof or additions, alterations, repairs or changes to the existing plumbing or drainage installations or fixtures or appliances shall conform to the requirements of this Plumbing Code. The Plumbing Inspector shall enforce all the laws, rules and regulations relating thereto in the area of jurisdiction and to enforce all the provisions of the Plumbing Code.

104.14.2.4 It shall be the duty of the Plumbing Inspector to inspect any Plumbing system, he or she has reason to believe has become unsanitary or defective. Nothing contained in this Plumbing Code shall be deemed to require any plumbing or drainage system or part thereof, or any other work regulated by this Plumbing Code and existing prior to the effective date of this Plumbing Code, to be altered, changed, reconstructed, removed or demolished if such work was installed in accordance with all applicable laws in effect prior to the date this Plumbing Code became effective, except when any such plumbing or drainage system or other work regulated by this Plumbing Code is dangerous, unsafe, unsanitary or a menace to life, health or property, in the opinion of the Plumbing Inspector.

104.14.2.5 All installations regulated by this Plumbing Code or related drainage work shall be maintained and executed in such a manner as to not constitute a nuisance

104.14.3 Certification of the Plumbing Inspector. To be eligible for appointment as a Plumbing Inspector, such person shall be certified as required BCAIB as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.14.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.14.3.1.1 An Engineer in the discipline requested.

104.14.3.1.2 Five (5) years construction experience in the plumbing discipline in a supervisory capacity and possess a Certificate of Competency as a Master Plumber or Plumbing Contractor.

104.14.3.1.3 Five (5) years construction experience in the plumbing discipline and five (5) years experience as a Plumbing Inspector certified by BCAIB and possess a Certificate of Competency as a Master Plumber or Plumbing Contractor.

104.14.3.1.4 Seven (7) years construction experience in the plumbing discipline and possess a Certificate of competency as a Journeyman Plumber.

104.14.3.1.5 Ten (10) years experience as a Plumbing Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person certified under this section is exempt from Section 104.14.3.2.

104.14.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Journeyman Plumber issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers

- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.14.3.3 An applicant for Certification as a Plumbing Inspector under the provisions of this Section who is a graduate from an accredited school holding a Bachelor or an Associate of Science Degree in Mechanical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.14.3.1.1.

104.15 Roofing Inspector. As set forth herein:

104.15.1 Appointment of a Roofing Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.15.3 to serve as a Roofing Inspector. To be eligible for appointment as a Roofing Inspector, such person shall be certified by BORA.

104.15.2 Powers and Duties of the Roofing Inspector:

104.15.2.1 Such employee shall have the duties and powers as delegated by the Chief Structural Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Code. A Roofing Inspector, if properly certified, may be assigned to perform Roofing Inspections and such other duties as delegated by the Chief Structural Inspector. Certified Structural Inspectors may be assigned duties as a Roofing Inspector.

104.15.2.2 The Roofing Inspector shall serve notice to the Roofing Contractor/representative or owner/representative in writing, stating the reasons therefore and citing the relevant code section(s).

104.15.3 Certification of the Roofing Inspector. To be eligible for appointment as a Roofing Inspector, such person shall be certified by BCAIB as a Structural Inspector or Roofing Inspector or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.15.3.1 Such person shall also be certified by BORA by meeting at least one of the following:

104.15.3.1.1 Be a Florida Registered Architect or a Florida Licensed Professional Engineer in the discipline requested with two (2) years of HVHZ experience or passing BORA’s HVHZ exam.

104.15.3.1.2 Be a BCAIB certified Structural or Roofing Inspector with five (5) years of experience, two (2) years of which shall have been within the HVHZ or by passing BORA’s HVHZ exam. An individual qualifying through this path shall be required to acquire an Unlimited G.C. license or a Roofing Contractor license, by exam,

from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification.

104.15.3.1.3 Be a state licensed unlimited G.C. or Roofing Contractor with at least five (5) years of experience with that License of which two (2) years shall have been within the HVHZ or by passing BORA’s HVHZ exam.

104.15.3.1.4 Be an unlimited G.C. or Roofing Contractor, licensed by either, Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board with at least five (5) years of experience with that License of which two (2) years shall have been within the HVHZ or by passing BORA’s HVHZ exam.

104.15.3.2 An applicant for Certification as a Structural Roofing Inspector under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.15.3.1.1.

104.15.3.3 Individuals holding current licenses as a residential contractor or building contractor issued by any of the 3 agencies mentioned in Sections 104.15.3.1.3 and 104.15.3.1.4 may be certified as Limited Inspectors with duties limited to the scope of work they are licensed to build.

104.15.3.4 An applicant for certification as Roofing Inspector under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.16 Structural Inspector. As set forth herein:

104.16.1 Appointment of a Structural Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.16.3 to serve as a Structural Inspector. To be eligible for appointment as a Structural Inspector, such person shall be certified by BORA.

104.16.2 Powers and Duties of the Structural Inspector. Such employee shall have the duties and powers as delegated by the Chief Structural Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Code.

104.16.2.1 The Structural Inspector shall serve notice to the Structural Contractor/representative or

owner/representative in writing, stating the reasons therefore and citing the relevant code section(s)

104.16.2.2 The Structural Inspector shall issue an Approval for installations of all building components, as listed in Section 110.3 of this Code.

104.16.3 Certification of the Structural Inspector. To be eligible for appointment as a Structural Inspector, such person shall be certified by BCAIB as a Structural Inspector or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.16.3.1 Such person shall also be certified by BORA by meeting the requirements of at least one of the following:

104.16.3.1.1 Be a Florida Registered Architect or a Florida Licensed Professional Engineer in the discipline requested with two (2) years of HVHZ experience or by passing BORA's HVHZ exam.

104.16.3.1.2 Be a BCAIB certified Structural Inspector with five (5) years of experience, of which, either, two (2) years shall have been within HVHZ or by passing BORA's HVHZ exam. An individual qualifying through this path shall be required to acquire an Unlimited G.C. license, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification as an inspector.

104.16.3.1.3 Be a state (CILB) licensed G.C. with at least five (5) years of experience with that license of which, either, two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam.

104.16.3.1.4 Be an unlimited GC, licensed by either, Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board with at least five (5) years of experience with that license of which, either, two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam.

104.16.3.1.5 Five (5) years construction experience in the Structural discipline in a supervisory capacity of which at least two (2) years shall have been within the jurisdiction of HVHZ or by passing BORA's HVHZ exam. An individual qualifying through this path shall be required to acquire an Unlimited G.C. license, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification as an inspector.

104.16.3.1.6 Ten (10) years construction experience in the Structural discipline of which at least two (2) years shall have been within the jurisdiction of the HVHZ or by passing BORA's HVHZ exam. An individual qualifying through this path shall be required to acquire an Unlimited G.C. license, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification as an inspector.

104.16.3.2 An applicant for Certification as a Structural Inspector under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.16.3.1.1.

104.16.3.3 Limited Building or Residential Inspector certifications may be issued to individuals holding current licenses issued by any of the three (3) agencies mentioned in Sections 104.16.3.1.3 ~~and~~ through 104.16.3.1.4 ~~and~~ and who otherwise meet the requirements of the appropriate section under which they are qualifying, with duties limited to the scope of work authorized by their license.

104.16.3.4 An applicant for certification as Structural Inspector under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.17 Certification of Building Departments and Building Code Inspection Enforcement Personnel. BORA shall certify each and every Building Department after it has determined to its satisfaction that the Building Code Inspection Enforcement Personnel are qualified by the provisions of this Code. These positions shall include at a minimum the Building Official, Chief Electrical Inspector, Chief Mechanical Inspector, Chief Plumbing Inspector, and Chief Structural Inspector.

104.17.1 Only such persons that have been examined and certified by BORA may be appointed or have the powers and duties of a Building Official, Assistant Building Official, or Chief Inspector. Each Building Official, Assistant Building Official, and Chief Inspector shall obtain a separate card for each governmental AHJ by which he or she is employed. Plans Examiners and Inspectors shall be issued a single certification card that is valid Countywide upon approval.

104.17.2 The certification of Building Department Inspection Personnel may be revoked, for cause, by BORA. BORA may deny, refuse to renew, suspend, or revoke BORA certificate of a Building Official, Assistant

Building Official, Chief Inspector, Plans Examiner or Inspector if it finds that any of the following grounds exist:

- A. Any cause for which issuance of a certificate could have been refused had it then existed and been known to BORA.
- B. Violation of FBC.
- C. Falsification of records relating to the certificate.
- D. Having been found guilty of or having pleaded guilty or nolo contendere to a felony, whether or not a judgment of conviction has been entered.
- E. Failure to meet any of the renewal requirements.
- G. Having been convicted of a crime in any jurisdiction which directly relates to the practice of the building code inspection, plan review, or administration.
- H. Making or filing a report or record that the certificate holder knows to be false, or knowingly inducing another to file a false report or record, or knowingly failing to file a report or record required by the state or local law, or knowingly impeding or obstructing such filings, or knowingly inducing another person to impede or obstruct such filing.
- I. Failure to properly enforce applicable building codes or permit requirements within this state which the certificate holder knows are applicable by committing willful misconduct, gross negligence, gross misconduct, repeated negligence, or negligence resulting in a significant danger to life or property.
- J. Accepting labor, service, or materials at no charge or at a noncompetitive rate from any person who performs work that is under the enforcement authority of the certificate holder and who is not an immediate family member of the certificate holder. For the purpose of this paragraph, the term "immediate family member" means a spouse, child, parent, sibling, grandparent, aunt, uncle, or first cousin of the person or the person's spouse or any person who resides in the primary residence of the certificate holder. BORA upon verification of the above grounds, shall immediately notify the Building Official, Assistant Building Official, Chief Inspector, Plans Examiner and/or the Inspector involved, who, upon notification from BORA, shall appear before the Board to explain why his or her certification should not be revoked.

104.17.3 When Building Departments fail to meet certification criteria, they will immediately be notified to cease activities until such time as requirements of this Code are met.

104.17.4 Application for certification shall contain such pertinent information as is considered relevant by BORA.

104.17.5 Certification shall be for the remainder of the current biennial certification period for initial employment and shall be renewed biennially on January 1 of each even-numbered year thereafter. When a Building Official,

Assistant Building Official or Chief Inspector, resigns from his or her position, his or her card becomes inactive until he or she again returns to work for a Building Department, at which time, upon proper application, he or she will be issued a new certification card, at a renewal fee in the amount appropriate for each discipline according to BORA Fee Schedule for Certification.

104.17.6 Applications for certification will not be considered unless the application is made on a form prescribed by BORA.

104.17.7 Certification Fee: Reserved.

104.17.8 Within ten (10) days of receipt of a properly completed application, the Secretary to BORA (Administrative Director) shall, after performing a review of the application: grant temporary certification, limit certification to a particular discipline or deny it, stating the reasons for denial. Any such determination is subject to final review and approval or revision by BORA. The temporary certification shall only be effective through the date of final action by BORA with respect to the application. The Secretary of BORA may delegate this duty to the Chief Code Compliance Officers.

104.17.9 Certification may be withdrawn, rescinded or suspended if, upon investigation, it is found that the certified person has failed to enforce the Code, abused the powers of office, or withheld or concealed information on the application which, if known to BORA, may have been cause for denying certification.

104.17.10 Any person, whose certification has been denied, withdrawn or rescinded, may appeal to BORA in open meeting and may produce witnesses and be represented by counsel in support of his or her claim.

104.17.11 Suspension of Certification Requirements: Upon Broward County being declared a Disaster Area, the Chairperson of BORA or designee may temporarily suspend the Broward County certification requirements for all Certified by the State of Florida, Department of Business and Professional Regulation, BCAIB as Building Code Administrators, Plans Examiners and Inspectors. The length of time that this suspension will be in effect will be for thirty (30) calendar days. The Chairperson or designee may extend this period if conditions warrant. This temporary suspension of the certification requirement shall not apply to an individual being hired on a permanent basis.

104.18 Recertification of Building Departments and Building Code Inspection Enforcement Personnel:

104.18.1 All Building Departments shall be recertified biennially by BORA. To be recertified, all Building Officials, Assistant Building Officials, Chief Inspectors, Plans Examiners, and Inspectors who are presently certified by BORA, shall meet the following criteria and comply with the current requirements for initial certification.

104.18.1.1 Be currently certified by BORA.

104.18.1.2 Be presently employed by a governmental AHJ (Building Department) within Broward County. See Section 104.17.

104.18.1.3 All Building Officials, Assistant Building Officials, Chief Inspectors, Plans Examiners, and Inspectors, to be recertified shall obtain twenty eight (28) contact hours within a two (2) consecutive calendar year biennial renewal period (starting January 1, on an even year, through December 31, of the next odd year) by attending formal education courses, workshops, and seminars, any of which shall be approved by BORA, the Miami-Dade County Code Compliance Office, the BCAIB, the Construction Industry Licensing Board, or the Electrical Contractors Licensing Board, and be related to the individual's discipline. Continuing education contact hours shall include courses approved as discipline specific category (courses which are specific to the code chapters enforced by the specific discipline) and non-discipline specific category. Specific courses mandated for license holders by the State of Florida Boards shall be classified as non-discipline specific, unless clearly indicated as discipline specific by a State agency. A minimum of one half of the twenty-eight (28) contact hours within a two (2) consecutive calendar year biennial renewal period shall be discipline specific category. Meetings of BORA Committees shall be counted as one (1) hour in the non-discipline specific category and professional association meetings shall be counted as not to exceed one (1) hour in the discipline specific category for a maximum of fourteen (14) contact hours within a two (2) consecutive calendar year biennial renewal period. Unless authorized by BORA Staff online education courses, workshops and seminars do not meet this requirement and shall not be accepted.

104.18.1.4 Prorating of continuing education contact hours. For any person newly certified, the required continuing education is prorated according to the number of months remaining in the renewal period. To determine the continuing education required, divide the number of months remaining in the renewal period from the time of certification by 24 and multiply the result by 28. The result, rounded up to the next round number, is the number of continuing educational hours required. Half of these hours shall be discipline specific. Any person newly certified within less than six (6) months remaining in the renewal period shall not be required to have any continuing educational credits.

104.18.2 A previously employed Building Official, Assistant Building Official, Chief Inspector, Plans Examiner or Inspector may be recertified biennially upon the presentation of twenty-eight (28) of education accumulated during the previous two (2) consecutive calendar years.

104.18.3 If certification is not renewed and allowed to lapse, the application for recertification shall be

accompanied with proof acceptable to BORA that the twenty-eight (28) contact hour requirement of continued education has been met.

104.18.4 By December 5 of the second year (the odd-numbered year) of a biennially renewal period, on a form as approved by BORA, each Building Official shall submit to BORA a list of currently employed personnel who are to be recertified for the ensuing new biennial renewal period, on a form as approved by BORA, accompanied by a check in the amount appropriate for each discipline according to BORA Fee Schedule for Certification for each certification, payable to the "Broward County Board of County Commissioners." Recertification is to be effective on January 1 of each biennial renewal period (the even-numbered year).

104.18.5 Recertification Fee: If applicable, each application shall be accompanied by a check in the amount appropriate for each discipline according to BORA Fee Schedule for Recertification, payable to "Broward County Board of County Commissioners."

104.19 Fire Prevention Bureau. A Fire Prevention Bureau shall be established within the fire department, under the direction of the Fire Chief, which shall consist of such fire department personnel as may be assigned thereto, by the Fire Chief, in accordance with the requirements prescribed herein. The function of this bureau shall be to assist the Fire Chief in the administration and enforcement of the Fire Protection Provision of this Code, and FFPC. Personnel assigned to the bureau as the Fire Marshal, Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall be certified by BORA. As set forth herein: (see also Broward Local Fire Amendments to FFPC)

104.19.1 Appointment, Powers and Duties and Certification of the Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector. There shall be appointed by the Fire Chief, certain fire prevention personnel to be assigned to the Fire Prevention Bureau to serve as Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector.

104.19.1.1 Certification of Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall comply with the requirements set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.19.1.2 Powers and Duties. The Fire Marshal or Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall be vested with the powers and perform the duties as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.19.2.1 No enforcing agency may issue any permit for construction, erection, alteration, repair, or demolition until the Building Official, in conjunction with the appropriate fire plans examiner, has reviewed the plans and/or specifications for such proposal and both officials have found the plans and/or specifications to be in compliance with FFPC and the applicable fire

safety standards as determined by the local authority in accordance with FFPC and Chapter 633, Florida Statutes. In the event that agreement cannot be reached between the Building and Fire Officials, the dispute shall be referred to the Fire Code Committee for review and recommendation to BORA.

104.19.2.2 Industrial construction on sites where design, construction, and fire safety are supervised by appropriate design and inspection professionals and which contain adequate in-house fire departments, is exempt; subject to local government option, from review of plans and/or specifications and inspections, providing owners certify that applicable codes and standards have been met and supply appropriate approved drawings to the building department. The enforcing agency shall issue a permit to construct, erect, alter, repair, or demolish any building when the plans and/or specifications for such proposal comply with the Fire Protection Provisions of this Code, FFPC, and Chapter 633, Florida Statutes.

104.19.2.3 Approval of Fire Department accessibility and all tests of fire alarm detection and suppression systems, smoke evacuation systems and life safety systems shall be conducted prior to final structural inspection and issuance of Certificate of Occupancy. (See Section 111)

104.20 Stop-Work Orders. See Section 115 Stop Work Order.

104.21 Orders to Eliminate Dangerous or Hazardous Conditions. Whenever the Fire Chief or his or her duly authorized representative shall find in any building or upon any premises, dangerous or hazardous conditions or materials, including, but not limited to violations of the requirements encompassed in Chapter 633, Florida Statutes, or the following paragraphs, he or she shall order such violations and dangerous conditions or materials removed or remedied.

104.21.1 Dangerous or unlawful amounts of combustible or explosive or otherwise hazardous materials.

104.21.2 Hazardous conditions arising from defective or improperly installed equipment for handling or using combustible or explosive or otherwise hazardous materials.

104.21.3 Dangerous accumulation of rubbish, wastepaper, boxes, shavings, or other flammable materials.

104.21.4 Accumulations of dust or waste material in air conditioning or ventilation systems or of grease in kitchen or other exhaust ducts.

104.21.5 Obstructions to, on, or under fire escapes, stairs, passageways, or doors, liable to interfere with the operations of the fire department or egress of occupants; locked exits shall constitute an unsafe condition.

Exception: unless permitted by the Fire Protection Provisions of this Code and FFPC.

104.21.6 Obstruction to windows. Where windows are required to provide the second means of escape from a room or area, the following are prohibited.

- A. Bars that cannot be opened from the inside.
- B. Other obstructions such as security grills.

Exception: Only one (1) window is required to meet the above where two (2) windows are in the same room or area.

104.21.7 Any building or other structure which, for want of repairs, lack of adequate exit facilities, automatic or other fire alarm apparatus or fire extinguishing equipment, or by reason of age or dilapidated condition, or from any other cause, create a hazardous condition.

104.21.8 Any building or structure vacated or unoccupied shall be properly secured to prevent entry by unauthorized persons.

104.21.9 The improper storage, transporting or handling of all classes of flammable or combustible liquids or otherwise hazardous substances any place within the enforcing jurisdiction.

104.22 Certification. All Fire Department Inspection Personnel shall be certified by BORA as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.23 Recertification. All Fire Department/Fire Prevention Bureau Inspection Personnel shall be recertified by BORA as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.24 Applications and permits. Reserved. See Section 105.

104.25 Notices and Orders. The Building Official or his or her duly authorized representative and/or Fire Marshal/Fire Code Official or his or her duly authorized representative shall issue all necessary notices or orders to ensure compliance with this Code, the Fire Protection Provisions of this Code, FFPC, and all Fire Codes.

104.25.1 Concealed Work: The Building Official or his or her duly authorized representative and/or Fire Marshal/Fire Code Official or his or her duly authorized representative may order portions of the structural frame of a building and/or structure to be exposed for inspection when, in his or her opinion, there is a good reason to believe that a building or portion thereof is in an unsafe or dangerous condition or that there is willful or negligent concealment of a violation of this Code, the Fire Protection Provisions of this Code, FFPC, and all Fire Codes.

104.26 Inspections. Reserved. See Section 110.

104.27 Identification. Reserved.

104.28 Right of Entry. Upon presentation of proper credentials, the Building Official or his or her duly authorized representative or the Fire Chief/Fire Marshal/Fire Code Official or his or her duly authorized representative may enter, at any

reasonable time, any building, structure or premises for the purpose of making any inspection or investigation, which falls under the provisions of this Code, and FFPC.

104.29 Department records. Reserved.

104.30 Liability. Reserved.

104.31 Modifications. Reserved.

104.32 Alternative materials, design and methods of construction and equipment. The provisions of the technical codes are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this Code, provided any such alternative has been reviewed and approved by the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC). An alternative material, design or method of construction shall be approved where the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC) finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method of construction offered for the purpose intended; is at least the equivalent of that prescribed in the technical codes in quality, strength, effectiveness, fire resistance, durability and safety. Where alternate life safety systems are designed, the “SFPE Engineering Guide to Performance-Based Fire Protection Analysis and Design of Buildings,” or other methods approved by the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC) may be used. The Building Official and/or Fire Marshal/Fire Code official (according to the Fire Protection Provisions of this Code and FFPC) shall require that sufficient evidence or proof be submitted to substantiate any claim made regarding the alternative. Where the alternative material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved.

104.32.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this Code, shall consist of valid research reports from approved sources.

104.32.2 Tests: Whenever there is insufficient evidence of compliance with the provisions of this Code, or evidence that a material or method does not conform to the requirements of this Code, or in order to substantiate claims for alternative materials or methods, the Building Official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods shall be as specified in this Code or by other recognized test standards. In the absence of recognized and accepted test methods, the building official shall approve the testing procedures. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the Building Official for the period required for retention of public records.

104.32.3 Accessibility. Alternate designs and technologies for providing access to and usability of a facility for persons with disabilities shall be in accordance with provisions of the FBC, Accessibility.

104.33 Standards: The types of construction or materials or methods of design referred to in this Code shall be considered as standards of quality and strength. New types of construction or materials or methods of design shall be at least equal to these standards for the corresponding use intended.

104.34 Approved materials and equipment. Materials, equipment and devices approved by the Building Official shall be constructed and installed in accordance with such approval.

104.34.1 Used materials and equipment. The installation of used materials which meet the requirements of this Code for new materials is permitted. Used equipment and devices shall not be installed unless approved by the Building Official

104.35 Application for the use of alternative methods and materials.

104.35.1 Any person desiring to use types of construction or materials or methods of design not specifically mentioned in this Code shall file with the Building Official and/or Fire Marshal/Fire Code Official, in writing, authentic proof in support of claims that may be made regarding the sufficiency of such types of construction or materials or methods of design and request approval and permission for their use. Such documentation shall be attached to and be made a part of the permit documents.

104.35.2 The Building Official and/or Fire Marshal/Fire Code Official shall approve such alternate types of construction or materials or methods of design if it is clear that the standards of this Code are at least equaled. If, in the opinion of the Building Official and/or Fire Marshal/Fire Code Official, the standards of this Code will not be satisfied by the requested alternate, he or she shall refuse approval.

104.36 Appeal. Any person, whose request for alternate types of construction and materials or methods of design has been denied by the Building Official and/or Fire Marshal/Fire Code Official, may appeal to BORA or Fire Code Committee by written request to the Secretary of the Board, and such written request shall be transmitted to BORA or Fire Code Committee if fire related. For fire related appeals see FFPC.

104.37 Appeal by Others. Any person, in whose considered opinion an action by the Building Official or Fire Marshal/Fire Code Official approving or disapproving construction under this Code does not satisfy the standards of the Code for reasons of safety, quality or strength, may appeal to BORA by written request to the Secretary of the Board, and such written request shall be transmitted to BORA or BORA Fire Code Committee. For fire related appeals see FFPC.

New Proposed Language

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SECTION 104

POWERS AND DUTIES OF THE BUILDING OFFICIAL, ASSISTANT BUILDING OFFICIAL, FIRE CODE OFFICIAL, CHIEF INSPECTOR, PLAN EXAMINER, AND INSPECTOR

104.1 Building Official. As set forth herein:

104.1.1 Appointment of a Building Official. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.1.3 to serve as a Building Official. To be eligible for appointment as a Building Official, such person shall be certified by BORA. The Building Official shall be the principal enforcing officer of this Code. Based on current technology, the Building Official does not have to be personally present at the governmental department as long as he or she is available by telephone/computer etc. and can perform his or her duties.

104.1.1.1 Appointment of an Interim Building Official.

- a) In the event that the Building Official is not available to perform his or her duties, each governmental AHJ shall appoint an Interim Building Official provided such person is qualified as set forth in Section 104.1.3 of this Code, BORA shall be notified in writing by the Building Official or governmental AHJ of the starting date and period of time that the Interim Building Official or Assistant Building Official will assume the Building Official's duties. The name of the Interim Building Official will be recorded by BORA, but he or she will not be issued a certification card as a Building Official. If there is one Inspector hired by a governmental AHJ in Broward County, that Inspector shall be a Building Official. The Building Official shall have the authority to delegate powers, duties and assignments to subordinate regular employees working under his or her authority, but only to those employees certified by BORA as qualified to perform such powers, duties and assignments. It shall be his or her duty and responsibility to supervise and coordinate the work of all subordinate Assistant Building Officials, Chief Inspectors, Plans Examiners and Inspectors.
- b) In the event that the Building Official's employment with the jurisdiction is terminated, an Interim Building Official may be appointed while the Building Official is being replaced with a permanent appointee. An Interim Building Official shall not be appointed for more than 90 days. An Interim Building Official shall be qualified as a Building Official as specified in 104.1.3. The name of the Interim Building Official will be recorded by BORA, but he/she will not be issued a certification card as a Building Official.

104.1.2 Powers and Duties of the Building Official. The Building Official shall be vested with the powers and subject to regulations, as provided by Chapter 468 Florida Statutes and BORA, as set forth in Section 113 of this Code. The Building Official is hereby authorized and directed to enforce the provisions of this Code. The Building Official shall delegate powers, duties and assignments to BORA certified Chief Inspectors to render interpretations of this Code and to adopt policies and procedures in order to clarify the application of the technical provisions of this Code in categories in which the Building Official is not certified. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this Code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this Code.

104.1.3 Certification of the Building Official and the Assistant Building Official. To be eligible for appointment as a Building Official or Assistant Building Official, such person shall be certified as required BCAIB as a Building Code Administrator.

104.1.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.1.3.1.1 A Florida Registered Architect or Florida licensed Professional Engineer having practiced for at least seven (7) years, a minimum of five (5) years shall have been within the jurisdiction of the HVHZ*.

104.1.3.1.2 Ten (10) years combined experience as a Master Electrician, Electrical Contractor, General Contractor, Master Mechanical, Mechanical Contractor, Class A Air Conditioning Contractor, Master Plumber, Plumbing Contractor, Chief Inspector, Plans Examiner or Inspector employed by an municipality AHJ or private company contracted ~~with a municipality.~~ As an AHJ or school board within the State of Florida for A minimum of five (5) years shall have been within the jurisdiction of the HVHZ*.

***104.1.3.2** As part of the ~~combined~~ experience requirements in Sections 104.1.3.1.1 & 104.1.3.1.2, the applicant shall have been employed by an municipality AHJ or private company contracted ~~by a municipality as~~ an AHJ or school board within the State of Florida for a minimum of two (2) years.

104.1.3.3 Each of the applicants shall possess a current Certificate of Competency or a Professional Engineer license or Architect registration issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board as a General Contractor, Mechanical Contractor or Plumbing Contractor.
- B. Florida Electrical Contractors Licensing Board as an Electrical Contractor.

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- C. Broward County Central Examining Board of Building Construction Trades. (As Class “A” Unlimited General Contractor).
- D. Broward County Central Examining Board of Electricians as a Master Electrician and/ or Electrical Contractor.
- E. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors as a Mechanical Contractor or Class A Air Conditioning Contractor.
- F. Broward County Central Examining Board of Plumbers as a Master Plumber.
- G. Miami-Dade County Construction Trades Qualifying Board, for any of the above-referenced disciplines.
- H. Florida Board of Architecture and Interior Design.
- I. Florida Board of Professional Engineers.

104.1.3.4 An applicant for Certification as Building Official or Assistant Building Official under the provisions of this section may only substitute two years HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam

104.1.3.54 An applicant for Certification as a Building Official or Assistant Building Official under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction from an accredited school may be credited for a maximum of three (3) years for Bachelor’s Degree or a maximum of one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under section 104.1.3.1.1.

104.2 Assistant Building Official: As set forth herein:

104.2.1 Appointment of an Assistant Building Official. There may be appointed by each governmental AHJ a person qualified as set forth in Section 104.1.3 to serve as an Assistant Building Official. To be eligible for appointment as an Assistant Building Official, such person shall be certified by BORA and shall meet the qualifications equal to the requirements for Building Official. No other title is recognized for certification by BORA.

104.2.2 Powers and Duties of the Assistant Building Official. The Assistant Building Official shall be vested with the powers and subject to regulations, as provided by Chapter 468 Florida Statutes and BORA, as set forth in Section 113 of this Code. The Assistant Building Official shall be responsible for duties as assigned by the Building Official. The Assistant Building Official shall fulfill the duties of the Building Official during the absence of the Building Official with full responsibilities of the position.

104.3 Appointment of the Chief Electrical, Mechanical, Plumbing and Structural Inspector: As set forth herein.

There shall be appointed by each governmental AHJ a person qualified as set forth in the below Sections to serve as Chief Inspector in each discipline stated above. If there is one Inspector (each discipline stated above) hired by a governmental AHJ in Broward County, that Inspector shall be a Chief Inspector (Chief or Head of the Division). Based on current technology that the Chief Inspector (Chief or Head of the Division) does not have to be personally present at the governmental department as long as he or she is available by telephone/computer etc. and can perform their duties. To be eligible for appointment as a Chief Inspector (each discipline stated above), such person shall be certified by BORA.

104.3.1 Interim Chief Inspector. In the event that a Chief Inspector’s employment is terminated with a jurisdiction, or is otherwise unavailable, an Interim Chief Inspector may be appointed for up to 90 days while the Chief Inspector is being replaced with a permanent appointee. An approved application for a Chief Inspector must be submitted to BORA prior to the expiration of the 90 days. The Interim Chief Inspector shall be qualified as a Chief Inspector as specified in 104.5, 104.6, 104.7 or 104.8 of this code. BORA shall be notified in writing by the Building Official of the name and starting date of the Interim Chief Inspector. The name of the Interim Chief Inspector will be recorded by BORA but he or she will not be issued a certification card as the Chief Inspector.

104.4 Powers and Duties of the Chief Electrical, Mechanical, Plumbing and Structural Inspector. The Chief Inspector (each discipline stated above) shall be vested with the powers and subject to regulations by BORA as set forth in Section 113 of this Code. The Chief Inspector shall have the power to delegate powers, duties and assignments to subordinate regular employees working under his or her authority, but only to those employees certified by BORA as qualified to perform such powers, duties and assignments within his or her particular discipline. It shall be his or her duty and responsibility to supervise and coordinate the work of all subordinate Plans Examiners and Inspectors within his or her particular discipline. The Chief Inspector shall have the sole authority to render interpretations of this Code and to adopt policies and procedures in order to clarify the application of its provisions within his or her particular discipline. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this Code. Such policies and procedures shall not have the effect of waving requirements specifically provided for in this Code. The Inspection Department shall consist of one (1) Chief Inspector, one (1) or more Plans Examiner and one (1) or more Inspectors within his or her particular discipline. The Chief Inspector may hold any or all of these positions within his or her particular discipline.

104.5 Certification of the Chief Electrical Inspector. To be eligible for appointment as a Chief Electrical Inspector, such person shall be certified as required by BCAIB as an Electrical Plans Examiner and as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.5.1 Such person shall be certified by BORA and shall meet the following qualification:

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104.5.1.1 An Electrical Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.2.1.

104.5.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.6 Certification of the Chief Mechanical. To be eligible for appointment as a Chief Mechanical Inspector, such person shall be certified as required by BCAIB as a Mechanical Plans Examiner and as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.6.1 Such person shall be certified by BORA and shall meet the following qualification:

104.6.1.1 A Mechanical Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.3.1.

104.6.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Mechanical or Mechanical Contractor or Class "A" Air Conditioning Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional

104.7 Certification of the Chief Plumbing Inspector. To be eligible for appointment as a Chief Plumbing Inspector, such person shall be certified as required by BCAIB as a Plumbing Plans Examiner and as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.7.1 Such person shall be certified by BORA and shall meet the following qualification:

104.7.1.1 A Plumbing Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.4.1.

104.7.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.8 Certification of the Chief Structural Inspector. To be eligible for appointment as a Chief Structural Inspector, such person shall be certified as required by BCAIB as a Structural Plans Examiner and Structural Inspector or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.8.1 Such person shall be certified by BORA and shall meet ~~at least one of~~ the following:

104.8.1.1 ~~Six (6) years combined experience including all of the following:~~

- ~~A. Architect or an Engineer having practiced within the HVHZ for a minimum two (2) years.~~
- ~~B. A minimum of one (1) year as a Structural Plans Examiner within the HVHZ employed by a municipality or private company contracted with a municipality.~~
- ~~C. A minimum of two (2) years as a Structural Inspector within the HVHZ employed by a municipality or private company contracted with a municipality, or a Florida School Board, within the HVHZ.~~
Be a Structural Plans Examiner employed by an AHJ or private company contracted as an AHJ or school board within the State of Florida for a minimum of two (2) years and who complies with at least one (1) of the qualifications of Section 104.10.1.1.

104.8.1.2 ~~Eight (8) years combined experience including all of the following:~~

- ~~A. Experience as General Contractor (Unlimited) licensed by the CILB, Broward County Central Examining Board or Miami Dade County Construction Trades Qualifying Board.~~
- ~~B. A minimum two (2) years construction experience in the Structural discipline within the HVHZ.~~

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- ~~C. A minimum of one (1) year as a Structural Plans Examiner employed by a municipality or private company contracted with a municipality or a Florida School Board within the HVHZ.~~
- ~~D. A minimum of two (2) years as a Structural Inspector employed by a municipality or private company contracted with a municipality or a Florida School Board within the HVHZ.~~

~~104.8.2 An applicant for Certification as a Chief Structural Inspector under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.8.1.1.~~

104.8.32 An applicant for Certification as Chief Structural Inspector under the provisions of this section may only substitute two years of HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.8.3 Each of the applicants shall possess a current Certificate of Competency or a Professional Engineer license or Architect registration issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Building Construction Trades
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers
- E. Department of Business and Professional Regulation as an Architect

104.9 Appointment of the Electrical, Mechanical, Plumbing and Structural Plans Examiner. As set forth herein: There shall be appointed by each governmental AHJ a person qualified as set forth in the above and below Sections to serve as Plans Examiner in each discipline as stated above. To be eligible for appointment as a Plans Examiner, such person shall be certified by BORA.

104.10 Powers and Duties of the Electrical, Mechanical, Plumbing and Structural Plans Examiner. The Plans Examiner shall be responsible for duties as assigned by the Chief Inspector within his or her particular discipline. The Plans Examiner shall fulfill the duties of the Chief Inspector during the absence of the Chief Inspector with full responsibilities of the position within his or her particular discipline. The Plans Examiner shall examine all plans and/or specifications and applications for permits within his or her particular discipline. When approvals by other agencies having authority may logically be required to be affixed to the plans and/or specifications before approval by the Plans Examiner, such

approval shall be affixed to the plans and/or specifications before examination by the Plans Examiner. If the application or plans and/or specifications do not conform to the requirements of all pertinent laws or regulations, the Plans Examiner shall reject such application in writing, stating the reasons therefore and citing the relevant code section(s). Plans and/or specifications which are rejected, as stated herein above, shall be returned for correction. Pen notations on mechanically reproduced plans and/or specifications may be accepted for only minor corrections. If the applications, plans and/or specifications, upon examination, are found to comply with the requirements of this Code, the plans and/or specifications shall be signed and marked approved.

104.10.1 Certification of the Structural Plans Examiner. To be eligible for appointment as a Structural Plans Examiner, such person shall be certified by BCAIB as a Structural Plans Examiner or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.10.1.1 Such person shall also be certified by BORA by meeting at least one of the following:

104.10.1.1.1 Be a Florida Registered Architect or a Florida Licensed Professional Engineer, in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida, with two (2) years of which shall have been within the HVHZ experience or by passing BORA's HVHZ exam*.

104.10.1.1.2 Be a BCAIB certified Structural Inspector with seven (7) years of experience within the State of Florida, two (2) years of which shall have been within the HVHZ or by passing BORA's HVHZ exam* (see Section 104.16.3.4). An individual qualifying through this path shall be required to acquire an Unlimited G.C. license, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami Dade Construction Trades Qualifying Board, within one (1) year of initial certification.

104.10.1.1.3 ~~Be a State Licensed G.C. with at least seven (7) years of combined experience in the structural discipline of which a minimum of two (2) years as a BCAIB certified Structural Inspector and two (2) years shall have been within HVHZ or by passing BORA's HVHZ exam. Be a BCAIB certified Structural Inspector employed by an AHJ or private company contracted as an AHJ or school board within the State of Florida for a minimum of two (2) years and who complies with at least one of the qualifications in Section 104.16.3.1.~~

~~**104.10.1.1.4** Be an unlimited G.C., licensed by either, Broward County Examining Board or the Miami Dade Construction Trades Qualifying~~

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~~Board with at least seven (7) years of combined experience of which a minimum of two (2) years as a BCAIB-certified Structural Inspector and two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam.~~

104.10.1.2 An applicant for Certification as a Structural Plans Examiner under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.10.1.1.1.

104.10.1.3 Limited Plans Examiner certifications may be issued to individuals holding current Building Contractor or Residential Contractor licenses and who otherwise meet the requirements of the appropriate section under which they are qualifying, with duties limited to the scope of work authorized by their license.

***104.10.1.34** An applicant for certification as Structural Plans Examiner under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.10.2 Certification of the Electrical Plans Examiner. To be eligible for appointment as an Electrical Plans Examiner, such person shall be certified as required by BCAIB as an Electrical Plans Examiner and as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.10.2.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.2.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.2.1.2 An Electrical Inspector employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies at least one (1) of the qualifications of Section 104.12.3.1.

104.10.2.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board

D. Florida Board of Professional Engineers

104.10.3 Certification of the Mechanical Plans Examiner. To be eligible for appointment as a Mechanical Plans Examiner, such person shall be certified as required by the BCAIB as a Mechanical Plans Examiner and as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.10.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.3.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.3.1.2 A Mechanical Inspector employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one the qualifications of Section 104.13.3.1.

104.10.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License as a Master Mechanical or Mechanical Contractor or Class "A" Air Conditioning Contractor or Class "B" Air Conditioning Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.10.3.2.1 Individuals holding licenses as a Class "B" Air Conditioning Contractor, with a current Certificate of Competency issued by the above-mentioned Boards, shall have duties limited to the examination of air conditioning and mechanical plans within the scope of his or her Certificate of Competency.

104.10.4 Certification of the Plumbing Plans Examiner. To be eligible for appointment as a Plumbing Plans Examiner, such person shall be certified as required by BCAIB as a Plumbing Plans Examiner and as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.10.4.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.4.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.4.1.2 A Plumbing Inspector employed by a municipality or private company contracted with a municipality or school board within the

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State of Florida for a minimum of one (1) year and who complies with the at least one (1) of the qualifications of Section 104.14.3.1.

104.10.4.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.11 Powers and Duties of the Electrical, Mechanical, Plumbing, Roofing and Structural Inspector. The Electrical, Mechanical, Plumbing, Roofing, and Structural Inspectors shall comply with rules and regulations of this Code, enforcing all the laws, rules and regulations relating thereto in the area of jurisdiction and enforcing all the provisions of this Code. If defects, omissions or violations exist on any other part relating to work for which approval is requested, the issuance of the Approval shall be withheld until corrections have been made to the defective portion and the same are made to comply with this Code. The Inspector shall serve notice to the contractor/representative or owner/representative in writing, stating the reasons therefore and citing the relevant code section(s) of this Code.

104.12 Electrical Inspector. As set forth herein:

104.12.1 Appointment of an Electrical Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.12.3 to serve as an Electrical Inspector. To be eligible for appointment as an Electrical Inspector, such person shall be certified by BORA.

104.12.2 Powers and Duties of the Electrical Inspector.

104.12.2.1 Such employee shall have the duties and powers as delegated by the Chief Electrical Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Electrical Code.

104.12.2.2 It shall be the duty of the Electrical Inspector to inspect any work on electrical installations shall be held to include and govern all work and materials used in installing, maintaining and/or extending a system of electrical wiring for the use of light, heat, power or low voltage systems, and all appurtenances, apparatus, or equipment used in connection therewith, inside of or attached to any building or structure, lot or premise and every electrical system or device, (all wiring, apparatus and equipment, and all installations for light, heat, power and low voltage systems), installed in new

construction, additions, alterations or repairs to existing electrical systems, apparatus or equipment in existing construction.

104.12.2.3 The Electrical Inspector shall issue an Approval for all installations of light, heat, power and low voltage systems (burglar alarms, central vacuums, communications, computer systems, fiber optics, fire alarms, telephone, television and all other systems 98 volts and less) that comply with the rules and regulations of this Electrical Code.

104.12.2.4 A 30-day temporary electrical service connection shall be approved by the Electrical Inspector, where the need for electrical power exists, if the wiring installation, apparatus or equipment is found to be in a safe operating condition. Under these circumstances, an application for temporary service shall be made in writing by the electrical contractor, firm, corporation, or owner requesting a temporary service connection to the public utility system or isolated generating plant.

104.12.2.5 The Electrical Inspector is hereby empowered to inspect or re-inspect any wiring, equipment or apparatus used in the installation of light, heat, power or low voltage systems and if this wiring, equipment, apparatus or low voltage system is found to be unsafe to life or property, the Electrical Inspector shall serve notice to the owner and/or operator, in writing, stating the reasons therefore and citing the relevant code section(s) of this Electrical Code, that the hazardous wiring, or equipment exists and shall be corrected within a reasonable period of time.

104.12.2.6 The Electrical Inspector is hereby given the power to disconnect extension cords, temporary wiring, branch circuits, feeder conductors or the main service supplying electrical energy to any portion of an electrical wiring system in buildings, or on premises, if this wiring is in the opinion of the Electrical Inspector, considered to be hazardous to life or property. Any person, firm or corporation supplying current, shall disconnect service from the source of supply upon instructions from the Chief Electrical Inspector where hazards are deemed to exist, after receiving written notice citing the appropriate Code Section(s) of this Electrical Code from the Electrical Inspector.

104.12.3 Certification of the Electrical Inspector. To be eligible for appointment as an Electrical Inspector, such person shall be certified as required by BCAIB as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.12.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.12.3.1.1 An Engineer in the discipline requested.

104.12.3.1.2 Five (5) years construction experience in the electrical discipline in a

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supervisory capacity and possess a Certificate of Competency as a Master Electrician or Electrical Contractor.

104.12.3.1.3 Five (5) years construction experience in the electrical discipline and five (5) years experience as an Electrical Inspector certified by BCAIB and possess a Certificate of Competency as a Master Electrician or Electrical Contractor.

104.12.3.1.4 Seven (7) years construction experience in the electrical discipline and possess a Certificate of Competency as a Journeyman Electrician.

104.12.3.1.5 Ten (10) years experience as an Electrical Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person certified under this section is exempt from Section 104.12.3.2.

104.12.3.2 Each of the applicants shall possess a current Certification of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Journeyman Electrician or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board, Block proctored
- D. Florida Board of Professional Engineers

104.12.3.3 An applicant for Certification as an Electrical Inspector under the provisions of this Section who is a graduate from an accredited school holding a Bachelor or an Associate of Science Degree in Electrical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.12.3.1.1.

104.13 Mechanical Inspector: As set forth herein:

104.13.1 Appointment of a Mechanical Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.13.3 to serve as Mechanical Inspector. To be eligible for appointment as a Mechanical Inspector, such person shall be certified by BORA.

104.13.2 Powers and Duties of the Mechanical Inspector.

104.13.2.1 Such employee shall have the duties and powers as delegated by the Chief Mechanical Inspector except that the Chief may not delegate authority to

subordinates to interpret provisions of this Mechanical Code.

104.13.2.2 The Mechanical Inspector shall issue an Approval for all installations of mechanical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and/or appurtenances thereto, including ventilating, heating, cooling, air conditioning and refrigeration systems and other energy-related systems that comply with the rules and regulations of this Mechanical Code.

104.13.2.3 It shall be the duty of the Mechanical Inspector to inspect all installations of ventilation, air conditioning and refrigeration systems and equipment. Existing installations not conforming to the requirements of this Mechanical Code shall be made to comply, when relocated, or when altered or repaired, in compliance with the FBC, Existing Building. The Mechanical Inspector shall enforce all the laws, rules and regulations relating thereto in the area of jurisdiction and to enforce all the provisions of this Mechanical Code.

104.13.3 Certification of the Mechanical Inspector. To be eligible for appointment as a Mechanical Inspector, such person shall be certified as required by the BCAIB as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.13.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.13.3.1.1 An Engineer in the discipline requested.

104.13.3.1.2 Five (5) years construction experience in the mechanical discipline in a supervisory capacity and possess a Certificate of Competency as a Master Mechanical or Mechanical Contractor or Class "A" Air Conditioning Contractor or Class "B" Air Conditioning Contractor.

104.13.3.1.3 Five (5) years construction experience in the mechanical discipline and five (5) years experience as a Mechanical Inspector certified by BCAIB and possess a Certificate of Competency as a Master Mechanical or Mechanical Contractor or Class "A" Air Conditioning Contractor or Class "B" Air Conditioning Contractor.

104.13.3.1.4 Seven (7) years construction experience in the mechanical discipline and possess a Certificate of Competency as a Journeyman Mechanical.

104.13.3.1.5 Ten (10) years experience as a Mechanical Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person

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certified under this section is exempt from Section 104.13.3.2.

104.13.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Mechanical or Mechanical Contractor or Class “A” Air Conditioning Contractor or Class “B” Air Conditioning Contractor or Journeyman Mechanical or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.13.3.2.1 Individuals holding licenses as a Class “B” Air Conditioning Contractor, with a current Certificate of Competency issued by the above-mentioned Boards, shall have duties limited to the inspection of air conditioning and mechanical work within the scope of his or her Certificate of Competency.

104.13.3.3 An applicant for Certification as a Mechanical Inspector under the provisions of this Section who is a graduate from an accredited school holding a Bachelor or an Associate of Science Degree in Mechanical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.13.3.1.1.

104.14 Plumbing Inspector. As set forth herein:

104.14.1 Appointment of a Plumbing Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.14.3 to serve as Plumbing Inspector. To be eligible for appointment as a Plumbing Inspector, such person shall be certified by BORA.

104.14.2 Powers and Duties of the Plumbing Inspector.

104.14.2.1 Such employee shall have the duties and powers as delegated by the Chief Plumbing Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Plumbing Code.

104.14.2.2 The Plumbing Inspector shall issue an Approval for all installations of plumbing and sanitary systems, appliances, plumbing fixtures, fittings and/or appurtenances thereto, including heating and storing water, backflow and backsiphonage, public and private sewer disposal and drainage systems that comply with the rules and regulations of this Plumbing Code.

104.14.2.3 It shall be the duty of the Plumbing Inspector to inspect all new plumbing or drainage systems or parts thereof or additions, alterations, repairs or changes to the existing plumbing or drainage installations or fixtures or appliances shall conform to the requirements of this Plumbing Code. The Plumbing Inspector shall enforce all the laws, rules and regulations relating thereto in the area of jurisdiction and to enforce all the provisions of the Plumbing Code.

104.14.2.4 It shall be the duty of the Plumbing Inspector to inspect any Plumbing system, he or she has reason to believe has become unsanitary or defective. Nothing contained in this Plumbing Code shall be deemed to require any plumbing or drainage system or part thereof, or any other work regulated by this Plumbing Code and existing prior to the effective date of this Plumbing Code, to be altered, changed, reconstructed, removed or demolished if such work was installed in accordance with all applicable laws in effect prior to the date this Plumbing Code became effective, except when any such plumbing or drainage system or other work regulated by this Plumbing Code is dangerous, unsafe, unsanitary or a menace to life, health or property, in the opinion of the Plumbing Inspector.

104.14.2.5 All installations regulated by this Plumbing Code or related drainage work shall be maintained and executed in such a manner as to not constitute a nuisance or to threaten or impair the health of any individual or the public in general. The contents of such installations shall not be permitted to overflow in a building, on a premise or upon the surface of the ground, street or sidewalk. It shall be unlawful for any person, firm or corporation whether owner or agent, to create, keep, cause, maintain, propagate or permit the existence of a nuisance as defined in this Plumbing Code. Any building or premises found to be unsanitary or inadequate, or which constitute a health or safety hazard, or which by reason of illegal use or improper use, occupancy or maintenance constitute a violation of the provisions of this Plumbing Code, shall be deemed to be unsafe. The Plumbing Inspector shall have the power to abate any nuisance by the issuance of a notice to correct and/or eliminate the nuisance within a reasonable length of time.

104.14.3 Certification of the Plumbing Inspector. To be eligible for appointment as a Plumbing Inspector, such person shall be certified as required BCAIB as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.14.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.14.3.1.1 An Engineer in the discipline requested.

104.14.3.1.2 Five (5) years construction experience in the plumbing discipline in a supervisory capacity and possess a Certificate of

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Competency as a Master Plumber or Plumbing Contractor.

104.14.3.1.3 Five (5) years construction experience in the plumbing discipline and five (5) years experience as a Plumbing Inspector certified by BCAIB and possess a Certificate of Competency as a Master Plumber or Plumbing Contractor.

104.14.3.1.4 Seven (7) years construction experience in the plumbing discipline and possess a Certificate of competency as a Journeyman Plumber.

104.14.3.1.5 Ten (10) years experience as a Plumbing Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person certified under this section is exempt from Section 104.14.3.2.

104.14.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Journeyman Plumber issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.14.3.3 An applicant for Certification as a Plumbing Inspector under the provisions of this Section who is a graduate from an accredited school holding a Bachelor or an Associate of Science Degree in Mechanical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.14.3.1.1.

104.15 Roofing Inspector. As set forth herein:

104.15.1 Appointment of a Roofing Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.15.3 to serve as a Roofing Inspector. To be eligible for appointment as a Roofing Inspector, such person shall be certified by BORA.

104.15.2 Powers and Duties of the Roofing Inspector:

104.15.2.1 Such employee shall have the duties and powers as delegated by the Chief Structural Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Code. A Roofing Inspector, if properly certified, may be assigned to perform Roofing Inspections and such other duties as

delegated by the Chief Structural Inspector. Certified Structural Inspectors may be assigned duties as a Roofing Inspector.

104.15.2.2 The Roofing Inspector shall serve notice to the Roofing Contractor/representative or owner/representative in writing, stating the reasons therefore and citing the relevant code section(s).

104.15.3 Certification of the Roofing Inspector. To be eligible for appointment as a Roofing Inspector, such person shall be certified by BCAIB as a Structural Inspector or Roofing Inspector ~~or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.~~

104.15.3.1 Such person shall also be certified by BORA by meeting at least one of the following:

~~**104.15.3.1.1** Be a Florida Registered Architect or a Florida Licensed Professional Engineer in the discipline requested with two (2) years of HVHZ experience or passing BORA's HVHZ exam.~~

104.15.3.1.21 Be a BCAIB certified Structural or Roofing Inspector with five (5) years of experience within the State of Florida, two (2) years of which shall have been within the HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire ~~an Unlimited G.C. license or a Roofing Contractor license~~, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification.

104.15.3.1.32 Be a ~~state licensed unlimited G.C. or Roofing Contractor~~, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board with at least five (5) years of experience within the State of Florida in the roofing discipline with that License of which two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam*.

104.15.3.1.43 ~~Be an unlimited G.C. or Roofing Contractor, licensed by either, Broward County Examining Board or the Miami Dade Construction Trades Qualifying Board with at least five (5) years of experience with that License of which two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam. Five (5) years construction experience within the State of Florida in the roofing discipline in a supervisory capacity of which at least two (2) years shall have been within the jurisdiction of HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire an Unlimited G.C. a Roofing~~

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Contractors License, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification as an inspector.

104.15.3.1.4 Ten (10) years construction experience within the State of Florida in the roofing discipline of which at least two (2) years shall have been within the jurisdiction of the HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire an Unlimited G.C. a Roofing Contractors License, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification as an inspector.

104.15.3.2 An applicant for Certification as a ~~Structural~~ Roofing Inspector under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. ~~This credit is not applicable towards the requirements under Section 104.15.3.1.1.~~

~~104.15.3.3 Individuals holding current licenses as a residential contractor or building contractor issued by any of the 3 agencies mentioned in Sections 104.15.3.1.3 and 104.15.3.1.4 may be certified as Limited Inspectors with duties limited to the scope of work they are licensed to build.~~

***104.15.3.43** An applicant for certification as Roofing Inspector under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.16 Structural Inspector. As set forth herein:

104.16.1 Appointment of a Structural Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.16.3 to serve as a Structural Inspector. To be eligible for appointment as a Structural Inspector, such person shall be certified by BORA.

104.16.2 Powers and Duties of the Structural Inspector. Such employee shall have the duties and powers as delegated by the Chief Structural Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Code.

104.16.2.1 The Structural Inspector shall serve notice to the Structural Contractor/representative or owner/representative in writing, stating the reasons therefore and citing the relevant code section(s)

104.16.2.2 The Structural Inspector shall issue an Approval for installations of all building components, as listed in Section 110.3 of this Code.

104.16.3 Certification of the Structural Inspector. To be eligible for appointment as a Structural Inspector, such person shall be certified by BCAIB as a Structural Inspector or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.16.3.1 Such person shall also be certified by BORA by meeting the requirements of at least one of the following:

104.16.3.1.1 Be a Florida Registered Architect or a Florida Licensed Professional Engineer in the discipline requested with two (2) years of HVHZ experience or by passing BORA's HVHZ exam*.

104.16.3.1.2 Be a BCAIB certified Structural Inspector with five (5) years of experience within the State of Florida, of which, ~~either~~, two (2) years shall have been within HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire an ~~Unlimited G.C. license, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board,~~ within one (1) year of initial certification as an inspector.

104.16.3.1.3 Be a ~~state (CILB)~~ licensed G.C. with at least five (5) years of experience within the State of Florida in the Structural discipline with that license of which, ~~either~~, two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam*.

~~104.16.3.1.4 Be an unlimited GC, licensed by either, Broward County Examining Board or the Miami Dade Construction Trades Qualifying Board with at least five (5) years of experience with that license of which, either, two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam.~~

104.16.3.1.54 Five (5) years construction experience within the State of Florida in the Structural discipline in a supervisory capacity of which at least two (2) years shall have been within the jurisdiction of HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire a G.C. license, by exam, within one (1) year of initial certification as an inspector.

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104.16.3.1.65 Ten (10) years construction experience within the State of Florida in the Structural discipline of which at least two (2) years shall have been within the jurisdiction of the HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire a G.C. license, by exam, within one (1) year of initial certification as an inspector.

104.16.3.2 An applicant for Certification as a Structural Inspector under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.16.3.1.1.

104.16.3.3 Limited Building or Residential Inspector certifications may be issued to individuals holding current Building Contractor or Residential Contractor licenses ~~issued by any of the three (3) agencies mentioned in Sections 104.16.3.1.32 through 104.16.3.1.65~~ and who otherwise meet the requirements of the appropriate section under which they are qualifying, with duties limited to the scope of work authorized by their license.

***104.16.3.4** An applicant for certification as Structural Inspector under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.17 Certification of Building Departments and Building Code Inspection Enforcement Personnel. BORA shall certify each and every Building Department after it has determined to its satisfaction that the Building Code Inspection Enforcement Personnel are qualified by the provisions of this Code. These positions shall include at a minimum the Building Official, Chief Electrical Inspector, Chief Mechanical Inspector, Chief Plumbing Inspector, and Chief Structural Inspector.

104.17.1 Only such persons that have been examined and certified by BORA may be appointed or have the powers and duties of a Building Official, Assistant Building Official, or Chief Inspector. Each Building Official, Assistant Building Official, and Chief Inspector shall obtain a separate card for each governmental AHJ by which he or she is employed. Plans Examiners and Inspectors shall be issued a single certification card that is valid Countywide upon approval.

104.17.2 The certification of Building Department Inspection Personnel may be revoked, for cause, by BORA. BORA may deny, refuse to renew, suspend, or revoke BORA certificate of a Building Official, Assistant Building Official, Chief Inspector, Plans Examiner or Inspector if it finds that any of the following grounds exist:

- A. Any cause for which issuance of a certificate could have been refused had it then existed and been known to BORA.
- B. Violation of FBC.
- C. Falsification of records relating to the certificate.
- D. Having been found guilty of or having pleaded guilty or nolo contendere to a felony, whether or not a judgment of conviction has been entered.
- E. entered.
- F. Failure to meet any of the renewal requirements.
- G. Having been convicted of a crime in any jurisdiction which directly relates to the practice of the building code inspection, plan review, or administration.
- H. Making or filing a report or record that the certificate holder knows to be false, or knowingly inducing another to file a false report or record, or knowingly failing to file a report or record required by the state or local law, or knowingly impeding or obstructing such filings, or knowingly inducing another person to impede or obstruct such filing.
- I. Failure to properly enforce applicable building codes or permit requirements within this state which the certificate holder knows are applicable by committing willful misconduct, gross negligence, gross misconduct, repeated negligence, or negligence resulting in a significant danger to life or property.
- J. Accepting labor, service, or materials at no charge or at a noncompetitive rate from any person who performs work that is under the enforcement authority of the certificate holder and who is not an immediate family member of the certificate holder. For the purpose of this paragraph, the term "immediate family member" means a spouse, child, parent, sibling, grandparent, aunt, uncle, or first cousin of the person or the person's spouse or any person who resides in the primary residence of the certificate holder. BORA upon verification of the above grounds, shall immediately notify the Building Official, Assistant Building Official, Chief Inspector, Plans Examiner and/or the Inspector involved, who, upon notification from BORA, shall appear before the Board to explain why his or her certification should not be revoked.

104.17.3 When Building Departments fail to meet certification criteria, they will immediately be notified to cease activities until such time as requirements of this Code are met.

104.17.4 Application for certification shall contain such pertinent information as is considered relevant by BORA.

104.17.5 Certification shall be for the remainder of the current biennial certification period for initial employment and shall be renewed biennially on January 1 of each even-numbered year thereafter. When a Building Official, Assistant Building Official or Chief Inspector, resigns from his or her position, his or her card becomes inactive until he or she again returns to work for a Building Department,

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at which time, upon proper application, he or she will be issued a new certification card, at a renewal fee in the amount appropriate for each discipline according to BORA Fee Schedule for Certification.

104.17.6 Applications for certification will not be considered unless the application is made on a form prescribed by BORA.

104.17.7 Certification Fee: Reserved.

104.17.8 Within ten (10) days of receipt of a properly completed application, the Secretary to BORA (Administrative Director) shall, after performing a review of the application: grant temporary certification, limit certification to a particular discipline or deny it, stating the reasons for denial. Any such determination is subject to final review and approval or revision by BORA. The temporary certification shall only be effective through the date of final action by BORA with respect to the application. The Secretary of BORA may delegate this duty to the Chief Code Compliance Officers.

104.17.9 Certification may be withdrawn, rescinded or suspended if, upon investigation, it is found that the certified person has failed to enforce the Code, abused the powers of office, or withheld or concealed information on the application which, if known to BORA, may have been cause for denying certification.

104.17.10 Any person, whose certification has been denied, withdrawn or rescinded, may appeal to BORA in open meeting and may produce witnesses and be represented by counsel in support of his or her claim.

104.17.11 Suspension of Certification Requirements: Upon Broward County being declared a Disaster Area, the Chairperson of BORA or designee may temporarily suspend the Broward County certification requirements for all Certified by the State of Florida, Department of Business and Professional Regulation, BCAIB as Building Code Administrators, Plans Examiners and Inspectors. The length of time that this suspension will be in effect will be for thirty (30) calendar days. The Chairperson or designee may extend this period if conditions warrant. This temporary suspension of the certification requirement shall not apply to an individual
Amendment Effective: 02/25/19

104.18 Recertification of Building Departments and Building Code Inspection Enforcement Personnel:

104.18.1 All Building Departments shall be recertified biennially by BORA. To be recertified, all Building Officials, Assistant Building Officials, Chief Inspectors, Plans Examiners, and Inspectors who are presently certified by BORA, shall meet the following criteria and comply with the current requirements for initial certification.

104.18.1.1 Be currently certified by BORA.

104.18.1.2 Be presently employed by a governmental AHJ (Building Department) within Broward County. See Section 104.17.

104.18.1.3 All Building Officials, Assistant Building Officials, Chief Inspectors, Plans Examiners, and Inspectors, to be recertified shall obtain twenty eight (28) contact hours within a two (2) consecutive calendar year biennial renewal period (starting January 1, on an even year, through December 31, of the next odd year) by attending formal education courses, workshops, and seminars, any of which shall be approved by BORA, the Miami-Dade County Code Compliance Office, the BCAIB, the Construction Industry Licensing Board, or the Electrical Contractors Licensing Board, and be related to the individual's discipline. Continuing education contact hours shall include courses approved as discipline specific category (courses which are specific to the code chapters enforced by the specific discipline) and non-discipline specific category. Specific courses mandated for license holders by the State of Florida Boards shall be classified as non-discipline specific, unless clearly indicated as discipline specific by a State agency. A minimum of one half of the twenty-eight (28) contact hours within a two (2) consecutive calendar year biennial renewal period shall be discipline specific category. Meetings of BORA Committees shall be counted as one (1) hour in the non-discipline specific category and professional association meetings shall be counted as not to exceed one (1) hour in the discipline specific category for a maximum of fourteen (14) contact hours within a two (2) consecutive calendar year biennial renewal period. Unless authorized by BORA Staff online education courses, workshops and seminars do not meet this requirement and shall not be accepted.

104.18.1.4 Prorating of continuing education contact hours. For any person newly certified, the required continuing education is prorated according to the number of months remaining in the renewal period. To determine the continuing education required, divide the number of months remaining in the renewal period from the time of certification by 24 and multiply the result by 28. The result, rounded up to the next round number, is the number of continuing educational hours required. Half of these hours shall be discipline specific. Any person newly certified within less than six (6) months remaining in the renewal period shall not be required to have any continuing educational credits.

104.18.2 A previously employed Building Official, Assistant Building Official, Chief Inspector, Plans Examiner or Inspector may be recertified biennially upon the presentation of twenty-eight (28) of education accumulated during the previous two (2) consecutive calendar years.

104.18.3 If certification is not renewed and allowed to lapse, the application for recertification shall be accompanied with proof acceptable to BORA that the

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twenty-eight (28) contact hour requirement of continued education has been met.

104.18.4 By December 5 of the second year (the odd-numbered year) of a biennially renewal period, on a form as approved by BORA, each Building Official shall submit to BORA a list of currently employed personnel who are to be recertified for the ensuing new biennial renewal period, on a form as approved by BORA, accompanied by a check in the amount appropriate for each discipline according to BORA Fee Schedule for Certification for each certification, payable to the "Broward County Board of County Commissioners." Recertification is to be effective on January 1 of each biennial renewal period (the even-numbered year).

104.18.5 Recertification Fee: If applicable, each application shall be accompanied by a check in the amount appropriate for each discipline according to BORA Fee Schedule for Recertification, payable to "Broward County Board of County Commissioners."

104.19 Fire Prevention Bureau. A Fire Prevention Bureau shall be established within the fire department, under the direction of the Fire Chief, which shall consist of such fire department personnel as may be assigned thereto, by the Fire Chief, in accordance with the requirements prescribed herein. The function of this bureau shall be to assist the Fire Chief in the administration and enforcement of the Fire Protection Provision of this Code, and FFPC. Personnel assigned to the bureau as the Fire Marshal, Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall be certified by BORA. As set forth herein: (see also Broward Local Fire Amendments to FFPC)

104.19.1 Appointment, Powers and Duties and Certification of the a Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector. There shall be appointed by the Fire Chief, certain fire prevention personnel to be assigned to the Fire Prevention Bureau to serve as Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector.

104.19.1.1 Certification of Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall comply with the requirements set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.19.1.2 Powers and Duties. The Fire Marshal or Fire Code Official, Fire Plans Examiner, and/or Fire Inspector. shall be vested with the powers and perform the duties as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.19.2.1 No enforcing agency may issue any permit for construction, erection, alteration, repair, or demolition until the Building Official, in conjunction with the appropriate fire plans examiner, has reviewed the plans and/or specifications for such proposal and both officials have found the plans and/or specifications to be in compliance with FFPC and the applicable fire safety standards as determined by the local authority in

accordance with FFPC and Chapter 633, Florida Statutes. In the event that agreement cannot be reached between the Building and Fire Officials, the dispute shall be referred to the Fire Code Committee for review and recommendation to BORA.

104.19.2.2 Industrial construction on sites where design, construction, and fire safety are supervised by appropriate design and inspection professionals and which contain adequate in-house fire departments, is exempt; subject to local government option, from review of plans and/or specifications and inspections, providing owners certify that applicable codes and standards have been met and supply appropriate approved drawings to the building department. The enforcing agency shall issue a permit to construct, erect, alter, repair, or demolish any building when the plans and/or specifications for such proposal comply with the Fire Protection Provisions of this Code, FFPC, and Chapter 633, Florida Statutes.

104.19.2.3 Approval of Fire Department accessibility and all tests of fire alarm detection and suppression systems, smoke evacuation systems and life safety systems shall be conducted prior to final structural inspection and issuance of Certificate of Occupancy. (See Section 111)

104.20 Stop-Work Orders. See Section 115 Stop Work Order.

104.21 Orders to Eliminate Dangerous or Hazardous Conditions. Whenever the Fire Chief or his or her duly authorized representative shall find in any building or upon any premises, dangerous or hazardous conditions or materials, including, but not limited to violations of the requirements encompassed in Chapter 633, Florida Statutes, or the following paragraphs, he or she shall order such violations and dangerous conditions or materials removed or remedied.

104.21.1 Dangerous or unlawful amounts of combustible or explosive or otherwise hazardous materials.

104.21.2 Hazardous conditions arising from defective or improperly installed equipment for handling or using combustible or explosive or otherwise hazardous materials.

104.21.3 Dangerous accumulation of rubbish, wastepaper, boxes, shavings, or other flammable materials.

104.21.4 Accumulations of dust or waste material in air conditioning or ventilation systems or of grease in kitchen or other exhaust ducts.

104.21.5 Obstructions to, on, or under fire escapes, stairs, passageways, or doors, liable to interfere with the operations of the fire department or egress of occupants; locked exits shall constitute an unsafe condition.

Exception: unless permitted by the Fire Protection Provisions of this Code and FFPC.

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104.21.6 Obstruction to windows. Where windows are required to provide the second means of escape from a room or area, the following are prohibited.

- A. Bars that cannot be opened from the inside.
- B. Other obstructions such as security grills.

Exception: Only one (1) window is required to meet the above where two (2) windows are in the same room or area.

104.21.7 Any building or other structure which, for want of repairs, lack of adequate exit facilities, automatic or other fire alarm apparatus or fire extinguishing equipment, or by reason of age or dilapidated condition, or from any other cause, create a hazardous condition.

104.21.8 Any building or structure vacated or unoccupied shall be properly secured to prevent entry by unauthorized persons.

104.21.9 The improper storage, transporting or handling of all classes of flammable or combustible liquids or otherwise hazardous substances any place within the enforcing jurisdiction.

104.22 Certification. All Fire Department Inspection Personnel shall be certified by BORA as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.23 Recertification. All Fire Department/Fire Prevention Bureau Inspection Personnel shall be recertified by BORA as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.24 Applications and permits. Reserved. See Section 105.

104.25 Notices and Orders. The Building Official or his or her duly authorized representative and/or Fire Marshal/Fire Code Official or his or her duly authorized representative shall issue all necessary notices or orders to ensure compliance with this Code, the Fire Protection Provisions of this Code, FFPC, and all Fire Codes.

104.25.1 Concealed Work: The Building Official or his or her duly authorized representative and/or Fire Marshal/Fire Code Official or his or her duly authorized representative may order portions of the structural frame of a building and/or structure to be exposed for inspection when, in his or her opinion, there is a good reason to believe that a building or portion thereof is in an unsafe or dangerous condition or that there is willful or negligent concealment of a violation of this Code, the Fire Protection Provisions of this Code, FFPC, and all Fire Codes.

104.26 Inspections. Reserved. See Section 110.

104.27 Identification. Reserved.

104.28 Right of Entry. Upon presentation of proper credentials, the Building Official or his or her duly authorized representative or the Fire Chief/Fire Marshal/Fire Code Official or his or her duly authorized representative may enter, at any

reasonable time, any building, structure or premises for the purpose of making any inspection or investigation, which falls under the provisions of this Code, and FFPC.

104.29 Department records. Reserved.

104.30 Liability. Reserved.

104.31 Modifications. Reserved.

104.32 Alternative materials, design and methods of construction and equipment. The provisions of the technical codes are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this Code, provided any such alternative has been reviewed and approved by the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC). An alternative material, design or method of construction shall be approved where the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC) finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method of construction offered for the purpose intended; is at least the equivalent of that prescribed in the technical codes in quality, strength, effectiveness, fire resistance, durability and safety. Where alternate life safety systems are designed, the “SFPE Engineering Guide to Performance-Based Fire Protection Analysis and Design of Buildings,” or other methods approved by the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC) may be used. The Building Official and/or Fire Marshal/Fire Code official (according to the Fire Protection Provisions of this Code and FFPC) shall require that sufficient evidence or proof be submitted to substantiate any claim made regarding the alternative. Where the alternative material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved.

104.32.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this Code, shall consist of valid research reports from approved sources.

104.32.2 Tests: Whenever there is insufficient evidence of compliance with the provisions of this Code, or evidence that a material or method does not conform to the requirements of this Code, or in order to substantiate claims for alternative materials or methods, the Building Official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods shall be as specified in this Code or by other recognized test standards. In the absence of recognized and accepted test methods, the building official shall approve the testing procedures. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the Building Official for the period required for retention of public records.

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104.32.3 Accessibility. Alternate designs and technologies for providing access to and usability of a facility for persons with disabilities shall be in accordance with provisions of the FBC, Accessibility.

104.33 Standards: The types of construction or materials or methods of design referred to in this Code shall be considered as standards of quality and strength. New types of construction or materials or methods of design shall be at least equal to these standards for the corresponding use intended.

104.34 Approved materials and equipment. Materials, equipment and devices approved by the Building Official shall be constructed and installed in accordance with such approval.

104.34.1 Used materials and equipment. The installation of used materials which meet the requirements of this Code for new materials is permitted. Used equipment and devices shall not be installed unless approved by the Building Official

104.35 Application for the use of alternative methods and materials.

104.35.1 Any person desiring to use types of construction or materials or methods of design not specifically mentioned in this Code shall file with the Building Official and/or Fire Marshal/Fire Code Official, in writing, authentic proof in support of claims that may be made regarding the sufficiency of such types of construction or materials or methods of design and request approval and permission for their use. Such documentation shall be attached to and be made a part of the permit documents.

104.35.2 The Building Official and/or Fire Marshal/Fire Code Official shall approve such alternate types of construction or materials or methods of design if it is clear that the standards of this Code are at least equaled. If, in the opinion of the Building Official and/or Fire Marshal/Fire Code Official, the standards of this Code will not be satisfied by the requested alternate, he or she shall refuse approval.

104.36 Appeal. Any person, whose request for alternate types of construction and materials or methods of design has been denied by the Building Official and/or Fire Marshal/Fire Code Official, may appeal to BORA or Fire Code Committee by written request to the Secretary of the Board, and such written request shall be transmitted to BORA or Fire Code Committee if fire related. For fire related appeals see FFPC.

104.37 Appeal by Others. Any person, in whose considered opinion an action by the Building Official or Fire Marshal/Fire Code Official approving or disapproving construction under this Code does not satisfy the standards of the Code for reasons of safety, quality or strength, may appeal to BORA by written request to the Secretary of the Board, and such written request shall be transmitted to BORA or BORA Fire Code Committee. For fire related appeals see FFPC.

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SECTION 104

POWERS AND DUTIES OF THE BUILDING OFFICIAL, ASSISTANT BUILDING OFFICIAL, FIRE CODE OFFICIAL, CHIEF INSPECTOR, PLAN EXAMINER, AND INSPECTOR

104.1 Building Official. As set forth herein:

104.1.1 Appointment of a Building Official. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.1.3 to serve as a Building Official. To be eligible for appointment as a Building Official, such person shall be certified by BORA. The Building Official shall be the principal enforcing officer of this Code. Based on current technology, the Building Official does not have to be personally present at the governmental department as long as he or she is available by telephone/computer etc. and can perform his or her duties.

104.1.1.1 Appointment of an Interim Building Official.

- a) In the event that the Building Official is not available to perform his or her duties, each governmental AHJ shall appoint an Interim Building Official provided such person is qualified as set forth in Section 104.1.3 of this Code, BORA shall be notified in writing by the Building Official or governmental AHJ of the starting date and period of time that the Interim Building Official or Assistant Building Official will assume the Building Official's duties. The name of the Interim Building Official will be recorded by BORA, but he or she will not be issued a certification card as a Building Official. If there is one Inspector hired by a governmental AHJ in Broward County, that Inspector shall be a Building Official. The Building Official shall have the authority to delegate powers, duties and assignments to subordinate regular employees working under his or her authority, but only to those employees certified by BORA as qualified to perform such powers, duties and assignments. It shall be his or her duty and responsibility to supervise and coordinate the work of all subordinate Assistant Building Officials, Chief Inspectors, Plans Examiners and Inspectors.
- b) In the event that the Building Official's employment with the jurisdiction is terminated, an Interim Building Official may be appointed while the Building Official is being replaced with a permanent appointee. An Interim Building Official shall not be appointed for more than 90 days. An Interim Building Official shall be qualified as a Building Official as specified in 104.1.3. The name of the Interim Building Official will be recorded by BORA, but he/she will not be issued a certification card as a Building Official.

104.1.2 Powers and Duties of the Building Official. The Building Official shall be vested with the powers and subject to regulations, as provided by Chapter 468 Florida Statutes and BORA, as set forth in Section 113 of this Code. The Building Official is hereby authorized and directed to enforce the provisions of this Code. The Building Official shall delegate powers, duties and assignments to BORA certified Chief Inspectors to render interpretations of this Code and to adopt policies and procedures in order to clarify the application of the technical provisions of this Code in categories in which the Building Official is not certified. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this Code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this Code.

104.1.3 Certification of the Building Official and the Assistant Building Official. To be eligible for appointment as a Building Official or Assistant Building Official, such person shall be certified as required BCAIB as a Building Code Administrator.

104.1.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.1.3.1.1 A Florida Registered Architect or Florida licensed Professional Engineer having practiced for at least seven (7) years, a minimum of five (5) years shall have been within the jurisdiction of the HVHZ*.

104.1.3.1.2 Ten (10) years combined experience as a Master Electrician, Electrical Contractor, General Contractor, Master Mechanical, Mechanical Contractor, Class A Air Conditioning Contractor, Master Plumber, Plumbing Contractor, Chief Inspector, Plans Examiner or Inspector employed by an AHJ or private company contracted as an AHJ or school board within the State of Florida for a minimum of five (5) years shall have been within the jurisdiction of the HVHZ*.

***104.1.3.2** As part of the experience requirements in Sections 104.1.3.1.1 & 104.1.3.1.2, the applicant shall have been employed by an AHJ or private company contracted as an AHJ or school board within the State of Florida for a minimum of two (2) years.

104.1.3.3 Each of the applicants shall possess a current Certificate of Competency or a Professional Engineer license or Architect registration issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board as a General Contractor, Mechanical Contractor or Plumbing Contractor.
- B. Florida Electrical Contractors Licensing Board as an Electrical Contractor.

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- C. Broward County Central Examining Board of Building Construction Trades. (As Class “A” Unlimited General Contractor).
- D. Broward County Central Examining Board of Electricians as a Master Electrician and/ or Electrical Contractor.
- E. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors as a Mechanical Contractor or Class A Air Conditioning Contractor.
- F. Broward County Central Examining Board of Plumbers as a Master Plumber.
- G. Miami-Dade County Construction Trades Qualifying Board, for any of the above-referenced disciplines.
- H. Florida Board of Architecture and Interior Design.
- I. Florida Board of Professional Engineers.

104.1.3.4 An applicant for Certification as Building Official or Assistant Building Official under the provisions of this section may only substitute two years HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam

104.1.3.54 An applicant for Certification as a Building Official or Assistant Building Official under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction from an accredited school may be credited for a maximum of three (3) years for Bachelor’s Degree or a maximum of one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under section 104.1.3.1.1.

104.2 Assistant Building Official: As set forth herein:

104.2.1 Appointment of an Assistant Building Official. There may be appointed by each governmental AHJ a person qualified as set forth in Section 104.1.3 to serve as an Assistant Building Official. To be eligible for appointment as an Assistant Building Official, such person shall be certified by BORA and shall meet the qualifications equal to the requirements for Building Official. No other title is recognized for certification by BORA.

104.2.2 Powers and Duties of the Assistant Building Official. The Assistant Building Official shall be vested with the powers and subject to regulations, as provided by Chapter 468 Florida Statutes and BORA, as set forth in Section 113 of this Code. The Assistant Building Official shall be responsible for duties as assigned by the Building Official. The Assistant Building Official shall fulfill the duties of the Building Official during the absence of the Building Official with full responsibilities of the position.

104.3 Appointment of the Chief Electrical, Mechanical, Plumbing and Structural Inspector: As set forth herein.

There shall be appointed by each governmental AHJ a person qualified as set forth in the below Sections to serve as Chief Inspector in each discipline stated above. If there is one Inspector (each discipline stated above) hired by a governmental AHJ in Broward County, that Inspector shall be a Chief Inspector (Chief or Head of the Division). Based on current technology that the Chief Inspector (Chief or Head of the Division) does not have to be personally present at the governmental department as long as he or she is available by telephone/computer etc. and can perform their duties. To be eligible for appointment as a Chief Inspector (each discipline stated above), such person shall be certified by BORA.

104.3.1 Interim Chief Inspector. In the event that a Chief Inspector’s employment is terminated with a jurisdiction, or is otherwise unavailable, an Interim Chief Inspector may be appointed for up to 90 days while the Chief Inspector is being replaced with a permanent appointee. An approved application for a Chief Inspector must be submitted to BORA prior to the expiration of the 90 days. The Interim Chief Inspector shall be qualified as a Chief Inspector as specified in 104.5, 104.6, 104.7 or 104.8 of this code. BORA shall be notified in writing by the Building Official of the name and starting date of the Interim Chief Inspector. The name of the Interim Chief Inspector will be recorded by BORA but he or she will not be issued a certification card as the Chief Inspector.

104.4 Powers and Duties of the Chief Electrical, Mechanical, Plumbing and Structural Inspector. The Chief Inspector (each discipline stated above) shall be vested with the powers and subject to regulations by BORA as set forth in Section 113 of this Code. The Chief Inspector shall have the power to delegate powers, duties and assignments to subordinate regular employees working under his or her authority, but only to those employees certified by BORA as qualified to perform such powers, duties and assignments within his or her particular discipline. It shall be his or her duty and responsibility to supervise and coordinate the work of all subordinate Plans Examiners and Inspectors within his or her particular discipline. The Chief Inspector shall have the sole authority to render interpretations of this Code and to adopt policies and procedures in order to clarify the application of its provisions within his or her particular discipline. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this Code. Such policies and procedures shall not have the effect of waving requirements specifically provided for in this Code. The Inspection Department shall consist of one (1) Chief Inspector, one (1) or more Plans Examiner and one (1) or more Inspectors within his or her particular discipline. The Chief Inspector may hold any or all of these positions within his or her particular discipline.

104.5 Certification of the Chief Electrical Inspector. To be eligible for appointment as a Chief Electrical Inspector, such person shall be certified as required by BCAIB as an Electrical Plans Examiner and as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.5.1 Such person shall be certified by BORA and shall meet the following qualification:

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104.5.1.1 An Electrical Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.2.1.

104.5.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.6 Certification of the Chief Mechanical. To be eligible for appointment as a Chief Mechanical Inspector, such person shall be certified as required by BCAIB as a Mechanical Plans Examiner and as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.6.1 Such person shall be certified by BORA and shall meet the following qualification:

104.6.1.1 A Mechanical Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.3.1.

104.6.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Mechanical or Mechanical Contractor or Class "A" Air Conditioning Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional

104.7 Certification of the Chief Plumbing Inspector. To be eligible for appointment as a Chief Plumbing Inspector, such person shall be certified as required by BCAIB as a Plumbing Plans Examiner and as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.7.1 Such person shall be certified by BORA and shall meet the following qualification:

104.7.1.1 A Plumbing Plans Examiner employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one (1) of the qualifications of Section 104.10.4.1.

104.7.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.8 Certification of the Chief Structural Inspector. To be eligible for appointment as a Chief Structural Inspector, such person shall be certified as required by BCAIB as a Structural Plans Examiner and Structural Inspector or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.8.1 Such person shall be certified by BORA and shall meet the following:

104.8.1.1 Be a Structural Plans Examiner employed by an AHJ or private company contracted as an AHJ or school board within the State of Florida for a minimum of two (2) years and who complies with at least one (1) of the qualifications of Section 104.10.1.1.

104.8.2 An applicant for Certification as Chief Structural Inspector under the provisions of this section may only substitute two years of HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.8.3 Each of the applicants shall possess a current Certificate of Competency or a Professional Engineer license or Architect registration issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Building Construction Trades
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers
- E. Department of Business and Professional Regulation as an Architect

104.9 Appointment of the Electrical, Mechanical, Plumbing and Structural Plans Examiner. As set forth herein: There shall be appointed by each governmental AHJ a person qualified as set forth in the above and below Sections to serve as Plans Examiner in each discipline as stated above. To be

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eligible for appointment as a Plans Examiner, such person shall be certified by BORA.

104.10 Powers and Duties of the Electrical, Mechanical, Plumbing and Structural Plans Examiner. The Plans Examiner shall be responsible for duties as assigned by the Chief Inspector within his or her particular discipline. The Plans Examiner shall fulfill the duties of the Chief Inspector during the absence of the Chief Inspector with full responsibilities of the position within his or her particular discipline. The Plans Examiner shall examine all plans and/or specifications and applications for permits within his or her particular discipline. When approvals by other agencies having authority may logically be required to be affixed to the plans and/or specifications before approval by the Plans Examiner, such approval shall be affixed to the plans and/or specifications before examination by the Plans Examiner. If the application or plans and/or specifications do not conform to the requirements of all pertinent laws or regulations, the Plans Examiner shall reject such application in writing, stating the reasons therefore and citing the relevant code section(s). Plans and/or specifications which are rejected, as stated herein above, shall be returned for correction. Pen notations on mechanically reproduced plans and/or specifications may be accepted for only minor corrections. If the applications, plans and/or specifications, upon examination, are found to comply with the requirements of this Code, the plans and/or specifications shall be signed and marked approved.

104.10.1 Certification of the Structural Plans Examiner. To be eligible for appointment as a Structural Plans Examiner, such person shall be certified by BCAIB as a Structural Plans Examiner or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.10.1.1 Such person shall also be certified by BORA by meeting at least one of the following:

104.10.1.1.1 Be a Florida Registered Architect or a Florida Licensed Professional Engineer, in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida, two (2) years of which shall have been within the HVHZ or by passing BORA's HVHZ exam*.

104.10.1.1.2 Be a BCAIB certified Structural Inspector with seven (7) years of experience within the State of Florida, two (2) years of which shall have been within the HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire a G.C. license, by exam, within one (1) year of initial certification.

104.10.1.1.3 Be a BCAIB certified Structural Inspector employed by an AHJ or private company contracted as an AHJ or school board within the State of Florida for a minimum of two (2) years and who complies with at least one of the qualifications in Section 104.16.3.1.

104.10.1.2 An applicant for Certification as a Structural Plans Examiner under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.10.1.1.1.

104.10.1.3 Limited Plans Examiner certifications may be issued to individuals holding current Building Contractor or Residential Contractor licenses and who otherwise meet the requirements of the appropriate section under which they are qualifying, with duties limited to the scope of work authorized by their license.

***104.10.1.4** An applicant for certification as Structural Plans Examiner under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.10.2 Certification of the Electrical Plans Examiner. To be eligible for appointment as an Electrical Plans Examiner, such person shall be certified as required by BCAIB as an Electrical Plans Examiner and as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.10.2.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.2.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.2.1.2 An Electrical Inspector employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies at least one (1) of the qualifications of Section 104.12.3.1.

104.10.2.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.10.3 Certification of the Mechanical Plans Examiner. To be eligible for appointment as a Mechanical Plans Examiner, such person shall be certified as required

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by the BCAIB as a Mechanical Plans Examiner and as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.10.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.3.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.3.1.2 A Mechanical Inspector employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with at least one the qualifications of Section 104.13.3.1.

104.10.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License as a Master Mechanical or Mechanical Contractor or Class “A” Air Conditioning Contractor or Class “B” Air Conditioning Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.10.3.2.1 Individuals holding licenses as a Class “B” Air Conditioning Contractor, with a current Certificate of Competency issued by the above-mentioned Boards, shall have duties limited to the examination of air conditioning and mechanical plans within the scope of his or her Certificate of Competency.

104.10.4 Certification of the Plumbing Plans Examiner. To be eligible for appointment as a Plumbing Plans Examiner, such person shall be certified as required by BCAIB as a Plumbing Plans Examiner and as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.10.4.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.10.4.1.1 An Engineer in the discipline requested and having practiced for a minimum of five (5) years within the State of Florida.

104.10.4.1.2 A Plumbing Inspector employed by a municipality or private company contracted with a municipality or school board within the State of Florida for a minimum of one (1) year and who complies with the at least one (1) of the qualifications of Section 104.14.3.1.

104.10.4.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.11 Powers and Duties of the Electrical, Mechanical, Plumbing, Roofing and Structural Inspector. The Electrical, Mechanical, Plumbing, Roofing, and Structural Inspectors shall comply with rules and regulations of this Code, enforcing all the laws, rules and regulations relating thereto in the area of jurisdiction and enforcing all the provisions of this Code. If defects, omissions or violations exist on any other part relating to work for which approval is requested, the issuance of the Approval shall be withheld until corrections have been made to the defective portion and the same are made to comply with this Code. The Inspector shall serve notice to the contractor/representative or owner/representative in writing, stating the reasons therefore and citing the relevant code section(s) of this Code.

104.12 Electrical Inspector. As set forth herein:

104.12.1 Appointment of an Electrical Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.12.3 to serve as an Electrical Inspector. To be eligible for appointment as an Electrical Inspector, such person shall be certified by BORA.

104.12.2 Powers and Duties of the Electrical Inspector.

104.12.2.1 Such employee shall have the duties and powers as delegated by the Chief Electrical Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Electrical Code.

104.12.2.2 It shall be the duty of the Electrical Inspector to inspect any work on electrical installations shall be held to include and govern all work and materials used in installing, maintaining and/or extending a system of electrical wiring for the use of light, heat, power or low voltage systems, and all appurtenances, apparatus, or equipment used in connection therewith, inside of or attached to any building or structure, lot or premise and every electrical system or device, (all wiring, apparatus and equipment, and all installations for light, heat, power and low voltage systems), installed in new construction, additions, alterations or repairs to existing electrical systems, apparatus or equipment in existing construction.

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104.12.2.3 The Electrical Inspector shall issue an Approval for all installations of light, heat, power and low voltage systems (burglar alarms, central vacuums, communications, computer systems, fiber optics, fire alarms, telephone, television and all other systems 98 volts and less) that comply with the rules and regulations of this Electrical Code.

104.12.2.4 A 30-day temporary electrical service connection shall be approved by the Electrical Inspector, where the need for electrical power exists, if the wiring installation, apparatus or equipment is found to be in a safe operating condition. Under these circumstances, an application for temporary service shall be made in writing by the electrical contractor, firm, corporation, or owner requesting a temporary service connection to the public utility system or isolated generating plant.

104.12.2.5 The Electrical Inspector is hereby empowered to inspect or re-inspect any wiring, equipment or apparatus used in the installation of light, heat, power or low voltage systems and if this wiring, equipment, apparatus or low voltage system is found to be unsafe to life or property, the Electrical Inspector shall serve notice to the owner and/or operator, in writing, stating the reasons therefore and citing the relevant code section(s) of this Electrical Code, that the hazardous wiring, or equipment exists and shall be corrected within a reasonable period of time.

104.12.2.6 The Electrical Inspector is hereby given the power to disconnect extension cords, temporary wiring, branch circuits, feeder conductors or the main service supplying electrical energy to any portion of an electrical wiring system in buildings, or on premises, if this wiring is in the opinion of the Electrical Inspector, considered to be hazardous to life or property. Any person, firm or corporation supplying current, shall disconnect service from the source of supply upon instructions from the Chief Electrical Inspector where hazards are deemed to exist, after receiving written notice citing the appropriate Code Section(s) of this Electrical Code from the Electrical Inspector.

104.12.3 Certification of the Electrical Inspector. To be eligible for appointment as an Electrical Inspector, such person shall be certified as required by BCAIB as an Electrical Inspector. Engineers are exempt from BCAIB certification.

104.12.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.12.3.1.1 An Engineer in the discipline requested.

104.12.3.1.2 Five (5) years construction experience in the electrical discipline in a supervisory capacity and possess a Certificate of Competency as a Master Electrician or Electrical Contractor.

104.12.3.1.3 Five (5) years construction experience in the electrical discipline and five (5) years experience as an Electrical Inspector certified by BCAIB and possess a Certificate of Competency as a Master Electrician or Electrical Contractor.

104.12.3.1.4 Seven (7) years construction experience in the electrical discipline and possess a Certificate of Competency as a Journeyman Electrician.

104.12.3.1.5 Ten (10) years experience as an Electrical Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person certified under this section is exempt from Section 104.12.3.2.

104.12.3.2 Each of the applicants shall possess a current Certification of Competency or a Professional License in the discipline requested as a Master Electrician or Electrical Contractor or Journeyman Electrician or Engineer issued by at least one of the following entities:

- A. Florida Electrical Contractors Licensing Board
- B. Broward County Central Examining Board of Electricians
- C. Miami-Dade County Construction Trades Qualifying Board, Block proctored
- D. Florida Board of Professional Engineers

104.12.3.3 An applicant for Certification as an Electrical Inspector under the provisions of this Section who is a graduate from an accredited school holding a Bachelor or an Associate of Science Degree in Electrical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.12.3.1.1.

104.13 Mechanical Inspector: As set forth herein:

104.13.1 Appointment of a Mechanical Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.13.3 to serve as Mechanical Inspector. To be eligible for appointment as a Mechanical Inspector, such person shall be certified by BORA.

104.13.2 Powers and Duties of the Mechanical Inspector.

104.13.2.1 Such employee shall have the duties and powers as delegated by the Chief Mechanical Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Mechanical Code.

104.13.2.2 The Mechanical Inspector shall issue an Approval for all installations of mechanical systems,

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including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and/or appurtenances thereto, including ventilating, heating, cooling, air conditioning and refrigeration systems and other energy-related systems that comply with the rules and regulations of this Mechanical Code.

104.13.2.3 It shall be the duty of the Mechanical Inspector to inspect all installations of ventilation, air conditioning and refrigeration systems and equipment. Existing installations not conforming to the requirements of this Mechanical Code shall be made to comply, when relocated, or when altered or repaired, in compliance with the FBC, Existing Building. The Mechanical Inspector shall enforce all the laws, rules and regulations relating thereto in the area of jurisdiction and to enforce all the provisions of this Mechanical Code.

104.13.3 Certification of the Mechanical Inspector. To be eligible for appointment as a Mechanical Inspector, such person shall be certified as required by the BCAIB as a Mechanical Inspector. Engineers are exempt from BCAIB certification.

104.13.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.13.3.1.1 An Engineer in the discipline requested.

104.13.3.1.2 Five (5) years construction experience in the mechanical discipline in a supervisory capacity and possess a Certificate of Competency as a Master Mechanical or Mechanical Contractor or Class “A” Air Conditioning Contractor or Class “B” Air Conditioning Contractor.

104.13.3.1.3 Five (5) years construction experience in the mechanical discipline and five (5) years experience as a Mechanical Inspector certified by BCAIB and possess a Certificate of Competency as a Master Mechanical or Mechanical Contractor or Class “A” Air Conditioning Contractor or Class “B” Air Conditioning Contractor.

104.13.3.1.4 Seven (7) years construction experience in the mechanical discipline and possess a Certificate of Competency as a Journeyman Mechanical.

104.13.3.1.5 Ten (10) years experience as a Mechanical Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person certified under this section is exempt from Section 104.13.3.2.

104.13.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in

the discipline requested as a Master Mechanical or Mechanical Contractor or Class “A” Air Conditioning Contractor or Class “B” Air Conditioning Contractor or Journeyman Mechanical or Engineer issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Mechanical Contractors and Specialty Mechanical Contractors
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.13.3.2.1 Individuals holding licenses as a Class “B” Air Conditioning Contractor, with a current Certificate of Competency issued by the above-mentioned Boards, shall have duties limited to the inspection of air conditioning and mechanical work within the scope of his or her Certificate of Competency.

104.13.3.3 An applicant for Certification as a Mechanical Inspector under the provisions of this Section who is a graduate from an accredited school holding a Bachelor or an Associate of Science Degree in Mechanical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.13.3.1.1.

104.14 Plumbing Inspector. As set forth herein:

104.14.1 Appointment of a Plumbing Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.14.3 to serve as Plumbing Inspector. To be eligible for appointment as a Plumbing Inspector, such person shall be certified by BORA.

104.14.2 Powers and Duties of the Plumbing Inspector.

104.14.2.1 Such employee shall have the duties and powers as delegated by the Chief Plumbing Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Plumbing Code.

104.14.2.2 The Plumbing Inspector shall issue an Approval for all installations of plumbing and sanitary systems, appliances, plumbing fixtures, fittings and/or appurtenances thereto, including heating and storing water, backflow and backsiphonage, public and private sewer disposal and drainage systems that comply with the rules and regulations of this Plumbing Code.

104.14.2.3 It shall be the duty of the Plumbing Inspector to inspect all new plumbing or drainage systems or parts thereof or additions, alterations, repairs or changes to the existing plumbing or drainage installations or fixtures or appliances shall conform to the requirements of this

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Plumbing Code. The Plumbing Inspector shall enforce all the laws, rules and regulations relating thereto in the area of jurisdiction and to enforce all the provisions of the Plumbing Code.

104.14.2.4 It shall be the duty of the Plumbing Inspector to inspect any Plumbing system, he or she has reason to believe has become unsanitary or defective. Nothing contained in this Plumbing Code shall be deemed to require any plumbing or drainage system or part thereof, or any other work regulated by this Plumbing Code and existing prior to the effective date of this Plumbing Code, to be altered, changed, reconstructed, removed or demolished if such work was installed in accordance with all applicable laws in effect prior to the date this Plumbing Code became effective, except when any such plumbing or drainage system or other work regulated by this Plumbing Code is dangerous, unsafe, unsanitary or a menace to life, health or property, in the opinion of the Plumbing Inspector.

104.14.2.5 All installations regulated by this Plumbing Code or related drainage work shall be maintained and executed in such a manner as to not constitute a nuisance or to threaten or impair the health of any individual or the public in general. The contents of such installations shall not be permitted to overflow in a building, on a premise or upon the surface of the ground, street or sidewalk. It shall be unlawful for any person, firm or corporation whether owner or agent, to create, keep, cause, maintain, propagate or permit the existence of a nuisance as defined in this Plumbing Code. Any building or premises found to be unsanitary or inadequate, or which constitute a health or safety hazard, or which by reason of illegal use or improper use, occupancy or maintenance constitute a violation of the provisions of this Plumbing Code, shall be deemed to be unsafe. The Plumbing Inspector shall have the power to abate any nuisance by the issuance of a notice to correct and/or eliminate the nuisance within a reasonable length of time.

104.14.3 Certification of the Plumbing Inspector. To be eligible for appointment as a Plumbing Inspector, such person shall be certified as required BCAIB as a Plumbing Inspector. Engineers are exempt from BCAIB certification.

104.14.3.1 Such person shall be certified by BORA and shall meet at least one of the following qualifications:

104.14.3.1.1 An Engineer in the discipline requested.

104.14.3.1.2 Five (5) years construction experience in the plumbing discipline in a supervisory capacity and possess a Certificate of Competency as a Master Plumber or Plumbing Contractor.

104.14.3.1.3 Five (5) years construction experience in the plumbing discipline and five (5) years experience as a Plumbing Inspector certified

by BCAIB and possess a Certificate of Competency as a Master Plumber or Plumbing Contractor.

104.14.3.1.4 Seven (7) years construction experience in the plumbing discipline and possess a Certificate of competency as a Journeyman Plumber.

104.14.3.1.5 Ten (10) years experience as a Plumbing Inspector certified by BCAIB. A person with multi-discipline certifications can only be certified in one discipline. A person certified under this section is exempt from Section 104.14.3.2.

104.14.3.2 Each of the applicants shall possess a current Certificate of Competency or a Professional License in the discipline requested as a Master Plumber or Plumbing Contractor or Journeyman Plumber issued by at least one of the following entities:

- A. Florida Construction Industry Licensing Board
- B. Broward County Central Examining Board of Plumbers
- C. Miami-Dade County Construction Trades Qualifying Board
- D. Florida Board of Professional Engineers

104.14.3.3 An applicant for Certification as a Plumbing Inspector under the provisions of this Section who is a graduate from an accredited school holding a Bachelor or an Associate of Science Degree in Mechanical Engineering may be credited for three (3) years for a Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.14.3.1.1.

104.15 Roofing Inspector. As set forth herein:

104.15.1 Appointment of a Roofing Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.15.3 to serve as a Roofing Inspector. To be eligible for appointment as a Roofing Inspector, such person shall be certified by BORA.

104.15.2 Powers and Duties of the Roofing Inspector:

104.15.2.1 Such employee shall have the duties and powers as delegated by the Chief Structural Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Code. A Roofing Inspector, if properly certified, may be assigned to perform Roofing Inspections and such other duties as delegated by the Chief Structural Inspector. Certified Structural Inspectors may be assigned duties as a Roofing Inspector.

104.15.2.2 The Roofing Inspector shall serve notice to the Roofing Contractor/representative or

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owner/representative in writing, stating the reasons therefore and citing the relevant code section(s).

104.15.3 Certification of the Roofing Inspector. To be eligible for appointment as a Roofing Inspector, such person shall be certified by BCAIB as a Structural Inspector or Roofing Inspector.

104.15.3.1 Such person shall also be certified by BORA by meeting at least one of the following:

104.15.3.1.1 Be a BCAIB certified Structural or Roofing Inspector with five (5) years of experience within the State of Florida, two (2) years of which shall have been within the HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire a Roofing Contractor license, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification.

104.15.3.1.2 Be a licensed Roofing Contractor, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board with at least five (5) years of experience within the State of Florida in the roofing discipline with that License of which two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam*.

104.15.3.1.3 Five (5) years construction experience within the State of Florida in the roofing discipline in a supervisory capacity of which at least two (2) years shall have been within the jurisdiction of HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire a Roofing Contractors License, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification as an inspector.

104.15.3.1.4 Ten (10) years construction experience within the State of Florida in the roofing discipline of which at least two (2) years shall have been within the jurisdiction of the HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire a Roofing Contractors License, by exam, from either the Construction Industry Licensing Board (CILB), Broward County Examining Board or the Miami-Dade Construction Trades Qualifying Board, within one (1) year of initial certification as an inspector.

104.15.3.2 An applicant for Certification as a Roofing Inspector under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements.

***104.15.3.3** An applicant for certification as Roofing Inspector under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.16 Structural Inspector. As set forth herein:

104.16.1 Appointment of a Structural Inspector. There shall be appointed by each governmental AHJ a person qualified as set forth in Section 104.16.3 to serve as a Structural Inspector. To be eligible for appointment as a Structural Inspector, such person shall be certified by BORA.

104.16.2 Powers and Duties of the Structural Inspector. Such employee shall have the duties and powers as delegated by the Chief Structural Inspector except that the Chief may not delegate authority to subordinates to interpret provisions of this Code.

104.16.2.1 The Structural Inspector shall serve notice to the Structural Contractor/representative or owner/representative in writing, stating the reasons therefore and citing the relevant code section(s)

104.16.2.2 The Structural Inspector shall issue an Approval for installations of all building components, as listed in Section 110.3 of this Code.

104.16.3 Certification of the Structural Inspector. To be eligible for appointment as a Structural Inspector, such person shall be certified by BCAIB as a Structural Inspector or be a Florida Registered Architect or Florida Licensed Professional Engineer in the discipline requested.

104.16.3.1 Such person shall also be certified by BORA by meeting the requirements of at least one of the following:

104.16.3.1.1 Be a Florida Registered Architect or a Florida Licensed Professional Engineer in the discipline requested with two (2) years of HVHZ experience or by passing BORA's HVHZ exam*.

104.16.3.1.2 Be a BCAIB certified Structural Inspector with five (5) years of experience within the State of Florida, of which, two (2) years shall have been within HVHZ or by passing BORA's HVHZ exam (see Section 104.16.3.4). An individual qualifying through this path shall be required to acquire a G.C. license, by exam,

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within one (1) year of initial certification as an inspector.

104.16.3.1.3 Be a licensed G.C. with at least five (5) years of experience within the State of Florida in the Structural discipline with that license of which, two (2) years shall have been within the HVHZ or by passing BORA's HVHZ exam*.

104.16.3.1.4 Five (5) years construction experience within the State of Florida in the Structural discipline in a supervisory capacity of which at least two (2) years shall have been within the jurisdiction of HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire a G.C. license, by exam, within one (1) year of initial certification as an inspector.

104.16.3.1.5 Ten (10) years construction experience within the State of Florida in the Structural discipline of which at least two (2) years shall have been within the jurisdiction of the HVHZ or by passing BORA's HVHZ exam*. An individual qualifying through this path shall be required to acquire a G.C. license, by exam, within one (1) year of initial certification as an inspector.

104.16.3.2 An applicant for Certification as a Structural Inspector under the provisions of this section who is a graduate from an accredited school holding a Bachelor or Associate of Science Degree in Engineering, Architecture or Building Construction may be credited for three (3) years for Bachelor Degree or one (1) year for an Associate Degree towards the combined experience requirements. This credit is not applicable towards the requirements under Section 104.16.3.1.1.

104.16.3.3 Limited Building or Residential Inspector certifications may be issued to individuals holding current Building Contractor or Residential Contractor licenses and who otherwise meet the requirements of the appropriate section under which they are qualifying, with duties limited to the scope of work authorized by their license.

***104.16.3.4** An applicant for certification as Structural Inspector under the provisions of this section may only substitute the required two year HVHZ experience with two years of statewide experience by passing the BORA HVHZ exam.

104.17.1 Only such persons that have been examined and certified by BORA may be appointed or have the powers and duties of a Building Official, Assistant Building Official, or Chief Inspector. Each Building Official, Assistant Building Official, and Chief Inspector shall obtain a separate card for each governmental AHJ by which he or she is employed. Plans Examiners and Inspectors shall be issued a single certification card that is valid Countywide upon approval.

104.17.2 The certification of Building Department Inspection Personnel may be revoked, for cause, by BORA. BORA may deny, refuse to renew, suspend, or revoke BORA certificate of a Building Official, Assistant Building Official, Chief Inspector, Plans Examiner or Inspector if it finds that any of the following grounds exist:

- A. Any cause for which issuance of a certificate could have been refused had it then existed and been known to BORA.
- B. Violation of FBC.
- C. Falsification of records relating to the certificate.
- D. Having been found guilty of or having pleaded guilty or nolo contendere to a felony, whether or not a judgment of conviction has been entered.
- E. entered.
- F. Failure to meet any of the renewal requirements.
- G. Having been convicted of a crime in any jurisdiction which directly relates to the practice of the building code inspection, plan review, or administration.
- H. Making or filing a report or record that the certificate holder knows to be false, or knowingly inducing another to file a false report or record, or knowingly failing to file a report or record required by the state or local law, or knowingly impeding or obstructing such filings, or knowingly inducing another person to impede or obstruct such filing.
- I. Failure to properly enforce applicable building codes or permit requirements within this state which the certificate holder knows are applicable by committing willful misconduct, gross negligence, gross misconduct, repeated negligence, or negligence resulting in a significant danger to life or property.
- J. Accepting labor, service, or materials at no charge or at a noncompetitive rate from any person who performs work that is under the enforcement authority of the certificate holder and who is not an immediate family member of the certificate holder. For the purpose of this paragraph, the term "immediate family member" means a spouse, child, parent, sibling, grandparent, aunt, uncle, or first cousin of the person or the person's spouse or any person who resides in the primary residence of the certificate holder. BORA upon verification of the above grounds, shall immediately notify the Building Official, Assistant Building Official, Chief Inspector, Plans Examiner and/or the Inspector involved, who, upon notification from

104.17 Certification of Building Departments and Building Code Inspection Enforcement Personnel. BORA shall certify each and every Building Department after it has determined to its satisfaction that the Building Code Inspection Enforcement Personnel are qualified by the provisions of this Code. These positions shall include at a minimum the Building Official, Chief Electrical Inspector, Chief Mechanical Inspector, Chief Plumbing Inspector, and Chief Structural Inspector.

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BORA, shall appear before the Board to explain why his or her certification should not be revoked.

104.17.3 When Building Departments fail to meet certification criteria, they will immediately be notified to cease activities until such time as requirements of this Code are met.

104.17.4 Application for certification shall contain such pertinent information as is considered relevant by BORA.

104.17.5 Certification shall be for the remainder of the current biennial certification period for initial employment and shall be renewed biennially on January 1 of each even-numbered year thereafter. When a Building Official, Assistant Building Official or Chief Inspector, resigns from his or her position, his or her card becomes inactive until he or she again returns to work for a Building Department, at which time, upon proper application, he or she will be issued a new certification card, at a renewal fee in the amount appropriate for each discipline according to BORA Fee Schedule for Certification.

104.17.6 Applications for certification will not be considered unless the application is made on a form prescribed by BORA.

104.17.7 Certification Fee: Reserved.

104.17.8 Within ten (10) days of receipt of a properly completed application, the Secretary to BORA (Administrative Director) shall, after performing a review of the application: grant temporary certification, limit certification to a particular discipline or deny it, stating the reasons for denial. Any such determination is subject to final review and approval or revision by BORA. The temporary certification shall only be effective through the date of final action by BORA with respect to the application. The Secretary of BORA may delegate this duty to the Chief Code Compliance Officers.

104.17.9 Certification may be withdrawn, rescinded or suspended if, upon investigation, it is found that the certified person has failed to enforce the Code, abused the powers of office, or withheld or concealed information on the application which, if known to BORA, may have been cause for denying certification.

104.17.10 Any person, whose certification has been denied, withdrawn or rescinded, may appeal to BORA in open meeting and may produce witnesses and be represented by counsel in support of his or her claim.

104.17.11 Suspension of Certification Requirements: Upon Broward County being declared a Disaster Area, the Chairperson of BORA or designee may temporarily suspend the Broward County certification requirements for all Certified by the State of Florida, Department of Business and Professional Regulation, BCAIB as Building Code Administrators, Plans Examiners and Inspectors. The length of time that this suspension will be in effect will be for thirty (30) calendar days. The Chairperson or designee

may extend this period if conditions warrant. This temporary suspension of the certification requirement shall not apply to an individual *Amendment Effective: 02/25/19*

104.18 Recertification of Building Departments and Building Code Inspection Enforcement Personnel:

104.18.1 All Building Departments shall be recertified biennially by BORA. To be recertified, all Building Officials, Assistant Building Officials, Chief Inspectors, Plans Examiners, and Inspectors who are presently certified by BORA, shall meet the following criteria and comply with the current requirements for initial certification.

104.18.1.1 Be currently certified by BORA.

104.18.1.2 Be presently employed by a governmental AHJ (Building Department) within Broward County. See Section 104.17.

104.18.1.3 All Building Officials, Assistant Building Officials, Chief Inspectors, Plans Examiners, and Inspectors, to be recertified shall obtain twenty eight (28) contact hours within a two (2) consecutive calendar year biennial renewal period (starting January 1, on an even year, through December 31, of the next odd year) by attending formal education courses, workshops, and seminars, any of which shall be approved by BORA, the Miami-Dade County Code Compliance Office, the BCAIB, the Construction Industry Licensing Board, or the Electrical Contractors Licensing Board, and be related to the individual's discipline. Continuing education contact hours shall include courses approved as discipline specific category (courses which are specific to the code chapters enforced by the specific discipline) and non-discipline specific category. Specific courses mandated for license holders by the State of Florida Boards shall be classified as non-discipline specific, unless clearly indicated as discipline specific by a State agency. A minimum of one half of the twenty-eight (28) contact hours within a two (2) consecutive calendar year biennial renewal period shall be discipline specific category. Meetings of BORA Committees shall be counted as one (1) hour in the non-discipline specific category and professional association meetings shall be counted as not to exceed one (1) hour in the discipline specific category for a maximum of fourteen (14) contact hours within a two (2) consecutive calendar year biennial renewal period. Unless authorized by BORA Staff online education courses, workshops and seminars do not meet this requirement and shall not be accepted.

104.18.1.4 Prorating of continuing education contact hours. For any person newly certified, the required continuing education is prorated according to the number of months remaining in the renewal period. To determine the continuing education required, divide the number of months remaining in the renewal period from the time of certification by 24 and multiply the result by 28. The result, rounded up to the next round number, is

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the number of continuing educational hours required. Half of these hours shall be discipline specific. Any person newly certified within less than six (6) months remaining in the renewal period shall not be required to have any continuing educational credits.

104.18.2 A previously employed Building Official, Assistant Building Official, Chief Inspector, Plans Examiner or Inspector may be recertified biennially upon the presentation of twenty-eight (28) of education accumulated during the previous two (2) consecutive calendar years.

104.18.3 If certification is not renewed and allowed to lapse, the application for recertification shall be accompanied with proof acceptable to BORA that the twenty-eight (28) contact hour requirement of continued education has been met.

104.18.4 By December 5 of the second year (the odd-numbered year) of a biennially renewal period, on a form as approved by BORA, each Building Official shall submit to BORA a list of currently employed personnel who are to be recertified for the ensuing new biennial renewal period, on a form as approved by BORA, accompanied by a check in the amount appropriate for each discipline according to BORA Fee Schedule for Certification for each certification, payable to the "Broward County Board of County Commissioners." Recertification is to be effective on January 1 of each biennial renewal period (the even-numbered year).

104.18.5 Recertification Fee: If applicable, each application shall be accompanied by a check in the amount appropriate for each discipline according to BORA Fee Schedule for Recertification, payable to "Broward County Board of County Commissioners."

104.19 Fire Prevention Bureau. A Fire Prevention Bureau shall be established within the fire department, under the direction of the Fire Chief, which shall consist of such fire department personnel as may be assigned thereto, by the Fire Chief, in accordance with the requirements prescribed herein. The function of this bureau shall be to assist the Fire Chief in the administration and enforcement of the Fire Protection Provision of this Code, and FFPC. Personnel assigned to the bureau as the Fire Marshal, Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall be certified by BORA. As set forth herein: (see also Broward Local Fire Amendments to FFPC)

104.19.1 Appointment, Powers and Duties and Certification of the a Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector. There shall be appointed by the Fire Chief, certain fire prevention personnel to be assigned to the Fire Prevention Bureau to serve as Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector.

104.19.1.1 Certification of Fire Marshal/Fire Code Official, Fire Plans Examiner, and/or Fire Inspector

shall comply with the requirements set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.19.1.2 Powers and Duties. The Fire Marshal or Fire Code Official, Fire Plans Examiner, and/or Fire Inspector. shall be vested with the powers and perform the duties as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.19.2.1 No enforcing agency may issue any permit for construction, erection, alteration, repair, or demolition until the Building Official, in conjunction with the appropriate fire plans examiner, has reviewed the plans and/or specifications for such proposal and both officials have found the plans and/or specifications to be in compliance with FFPC and the applicable fire safety standards as determined by the local authority in accordance with FFPC and Chapter 633, Florida Statutes. In the event that agreement cannot be reached between the Building and Fire Officials, the dispute shall be referred to the Fire Code Committee for review and recommendation to BORA.

104.19.2.2 Industrial construction on sites where design, construction, and fire safety are supervised by appropriate design and inspection professionals and which contain adequate in-house fire departments, is exempt; subject to local government option, from review of plans and/or specifications and inspections, providing owners certify that applicable codes and standards have been met and supply appropriate approved drawings to the building department. The enforcing agency shall issue a permit to construct, erect, alter, repair, or demolish any building when the plans and/or specifications for such proposal comply with the Fire Protection Provisions of this Code, FFPC, and Chapter 633, Florida Statutes.

104.19.2.3 Approval of Fire Department accessibility and all tests of fire alarm detection and suppression systems, smoke evacuation systems and life safety systems shall be conducted prior to final structural inspection and issuance of Certificate of Occupancy. (See Section 111)

104.20 Stop-Work Orders. See Section 115 Stop Work Order.

104.21 Orders to Eliminate Dangerous or Hazardous Conditions. Whenever the Fire Chief or his or her duly authorized representative shall find in any building or upon any premises, dangerous or hazardous conditions or materials, including, but not limited to violations of the requirements encompassed in Chapter 633, Florida Statutes, or the following paragraphs, he or she shall order such violations and dangerous conditions or materials removed or remedied.

104.21.1 Dangerous or unlawful amounts of combustible or explosive or otherwise hazardous materials.

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104.21.2 Hazardous conditions arising from defective or improperly installed equipment for handling or using combustible or explosive or otherwise hazardous materials.

104.21.3 Dangerous accumulation of rubbish, wastepaper, boxes, shavings, or other flammable materials.

104.21.4 Accumulations of dust or waste material in air conditioning or ventilation systems or of grease in kitchen or other exhaust ducts.

104.21.5 Obstructions to, on, or under fire escapes, stairs, passageways, or doors, liable to interfere with the operations of the fire department or egress of occupants; locked exits shall constitute an unsafe condition.

Exception: unless permitted by the Fire Protection Provisions of this Code and FFPC.

104.21.6 Obstruction to windows. Where windows are required to provide the second means of escape from a room or area, the following are prohibited.

- A. Bars that cannot be opened from the inside.
- B. Other obstructions such as security grills.

Exception: Only one (1) window is required to meet the above where two (2) windows are in the same room or area.

104.21.7 Any building or other structure which, for want of repairs, lack of adequate exit facilities, automatic or other fire alarm apparatus or fire extinguishing equipment, or by reason of age or dilapidated condition, or from any other cause, create a hazardous condition.

104.21.8 Any building or structure vacated or unoccupied shall be properly secured to prevent entry by unauthorized persons.

104.21.9 The improper storage, transporting or handling of all classes of flammable or combustible liquids or otherwise hazardous substances any place within the enforcing jurisdiction.

104.22 Certification. All Fire Department Inspection Personnel shall be certified by BORA as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.23 Recertification. All Fire Department/Fire Prevention Bureau Inspection Personnel shall be recertified by BORA as set forth in the Broward County Amendments to the FFPC, 6th Edition.

104.24 Applications and permits. Reserved. See Section 105.

104.25 Notices and Orders. The Building Official or his or her duly authorized representative and/or Fire Marshal/Fire Code Official or his or her duly authorized representative shall issue all necessary notices or orders to ensure compliance with this Code, the Fire Protection Provisions of this Code, FFPC, and all Fire Codes.

104.25.1 Concealed Work: The Building Official or his or her duly authorized representative and/or Fire Marshal/Fire Code Official or his or her duly authorized representative may order portions of the structural frame of a building and/or structure to be exposed for inspection when, in his or her opinion, there is a good reason to believe that a building or portion thereof is in an unsafe or dangerous condition or that there is willful or negligent concealment of a violation of this Code, the Fire Protection Provisions of this Code, FFPC, and all Fire Codes.

104.26 Inspections. Reserved. See Section 110.

104.27 Identification. Reserved.

104.28 Right of Entry. Upon presentation of proper credentials, the Building Official or his or her duly authorized representative or the Fire Chief/Fire Marshal/Fire Code Official or his or her duly authorized representative may enter, at any reasonable time, any building, structure or premises for the purpose of making any inspection or investigation, which falls under the provisions of this Code, and FFPC.

104.29 Department records. Reserved.

104.30 Liability. Reserved.

104.31 Modifications. Reserved.

104.32 Alternative materials, design and methods of construction and equipment. The provisions of the technical codes are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this Code, provided any such alternative has been reviewed and approved by the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC). An alternative material, design or method of construction shall be approved where the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC) finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method of construction offered for the purpose intended; is at least the equivalent of that prescribed in the technical codes in quality, strength, effectiveness, fire resistance, durability and safety. Where alternate life safety systems are designed, the "SFPE Engineering Guide to Performance-Based Fire Protection Analysis and Design of Buildings," or other methods approved by the Building Official and/or Fire Marshal/Fire Code Official (according to the Fire Protection Provisions of this Code and FFPC) may be used. The Building Official and/or Fire Marshal/Fire Code official (according to the Fire Protection Provisions of this Code and FFPC) shall require that sufficient evidence or proof be submitted to substantiate any claim made regarding the alternative. Where the alternative material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved.

104.32.1 Research reports. Supporting data, where necessary to assist in the approval of materials or

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assemblies not specifically provided for in this Code, shall consist of valid research reports from approved sources.

104.32.2 Tests: Whenever there is insufficient evidence of compliance with the provisions of this Code, or evidence that a material or method does not conform to the requirements of this Code, or in order to substantiate claims for alternative materials or methods, the Building Official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods shall be as specified in this Code or by other recognized test standards. In the absence of recognized and accepted test methods, the building official shall approve the testing procedures. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the Building Official for the period required for retention of public records.

104.32.3 Accessibility. Alternate designs and technologies for providing access to and usability of a facility for persons with disabilities shall be in accordance with provisions of the FBC, Accessibility.

104.33 Standards: The types of construction or materials or methods of design referred to in this Code shall be considered as standards of quality and strength. New types of construction or materials or methods of design shall be at least equal to these standards for the corresponding use intended.

104.34 Approved materials and equipment. Materials, equipment and devices approved by the Building Official shall be constructed and installed in accordance with such approval.

104.34.1 Used materials and equipment. The installation of used materials which meet the requirements of this Code for new materials is permitted. Used equipment and devices shall not be installed unless approved by the Building Official

104.35 Application for the use of alternative methods and materials.

104.35.1 Any person desiring to use types of construction or materials or methods of design not specifically mentioned in this Code shall file with the Building Official and/or Fire Marshal/Fire Code Official, in writing, authentic proof in support of claims that may be made regarding the sufficiency of such types of construction or materials or methods of design and request approval and permission for their use. Such documentation shall be attached to and be made a part of the permit documents.

104.35.2 The Building Official and/or Fire Marshal/Fire Code Official shall approve such alternate types of construction or materials or methods of design if it is clear that the standards of this Code are at least equaled. If, in the opinion of the Building Official and/or Fire Marshal/Fire Code Official, the standards of this Code will not be satisfied by the requested alternate, he or she shall refuse approval.

104.36 Appeal. Any person, whose request for alternate types of construction and materials or methods of design has been denied by the Building Official and/or Fire Marshal/Fire Code Official, may appeal to BORA or Fire Code Committee by written request to the Secretary of the Board, and such written request shall be transmitted to BORA or Fire Code Committee if fire related. For fire related appeals see FFPC.

104.37 Appeal by Others. Any person, in whose considered opinion an action by the Building Official or Fire Marshal/Fire Code Official approving or disapproving construction under this Code does not satisfy the standards of the Code for reasons of safety, quality or strength, may appeal to BORA by written request to the Secretary of the Board, and such written request shall be transmitted to BORA or BORA Fire Code Committee. For fire related appeals see FFPC.

Florida Building Code 6th Edition (2017)
Chapter 1
Administration — Broward County

SECTION 101
GENERAL

101.1 Title. These regulations shall be known as the “Florida Building Code” hereinafter referred to as FBC or “this Code.”

101.2 Scope. The provisions of this Chapter shall govern the administration and enforcement of the FBC, Fire Protection Provisions of this Code and FFPC and shall apply countywide in both incorporated and unincorporated areas of Broward County, Florida. The provisions of this Code shall apply to the construction, alteration, relocation, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

Exceptions:

1. Detached one- and two-family dwellings and multiple single-family dwellings (town houses) not more than three stories above grade plane in height with a separate means of egress and their accessory structures shall comply with the FBC, Residential.
2. Code Requirements that address snow loads and earthquake protection are pervasive; they are left in place but shall not be utilized or enforced because Florida has no snow load or earthquake threat.

101.2.1 Appendices: Provisions in the appendices shall not apply unless specifically adopted by BORA.

101.2.2 Definitions:

- A. AHJ** (means Authority Having Jurisdiction) shall be a federal, state, local (Building or Fire Service Provider), or individual such as a Building Official, Assistant Building Official; Chief Electrical / Mechanical / Plumbing / Structural Inspector; Fire Chief; Fire Marshal/ Fire Code Official; or Broward County Board of Rules and Appeals.
- B. BORA** means the Broward County Board of Rules and Appeals.
- C. Architect** means Registered Architect, registered in the State of Florida.
- D. Engineer** means licensed Professional Engineer, licensed in the State of Florida.
- E. BCAIB** means The Building Code Administrators and Inspectors Board.
- F. FFPC** means the Florida Fire Prevention Code including the Broward County Local Fire Amendments to the Florida Fire Prevention Code.
- G. HVHZ** means the High Velocity Hurricane Zone.
- H. State** means the State of Florida.
- I. FAC** means Florida Administrative Code.

- J. Fire Service Provider** means Fire Department.
- K. Fire Code Manager / Administrator** means Fire Code Official or Fire Marshal.
- L. SFBC** means South Florida Building Code, Broward Edition.
- M. G.C.** means an unlimited General Contractor licensed by either the CILB, the Broward County Central Examining Board or the Miami-Dade Construction Trades Qualifying Board.
- N. CILB** means the Florida Construction Industry Licensing Board.
- O. ECLB** means the Florida Electrical Contractors Licensing Board

101.3 Intent. The purpose of this Code is to establish the minimum requirements to safeguard, the public health, safety and general welfare through structural strength, means of egress, facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide safety to fire fighters and emergency responders during emergency operations.

101.4 Referenced Codes. The other codes listed in Sections 101.4.1 through 101.4.11 and referenced elsewhere in this Code shall be considered part of the requirements of this Code to the prescribed extent of each such reference.

101.4.1 Electrical. The provisions of Chapter 27 of the FBC, Building, NFPA 70, Fire Protection Provisions of this Code and FFPC shall apply to electrical components, equipment and systems.

101.4.2 Gas. The provisions of the FBC, Fuel Gas, shall apply to the installation of gas piping, gas appliances and related accessories as covered in this Code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances, and the installation and operation of residential and commercial gas appliances and related accessories.

101.4.3 Mechanical. The provisions of the FBC, Mechanical, shall apply to the installation of mechanical systems, including, but not limited to, alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances, including ventilating, heating, cooling, air conditioning and refrigeration systems, vacuum, compressed air and pneumatic systems, incinerators and other energy-related devices.

101.4.4 Plumbing. The provisions of the FBC, Plumbing, Fire Protection Provisions of this Code and FFPC shall apply to every plumbing installation, including, but not limited to, alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances when connected to a water or sewage systems, compressed air systems, lawn sprinkler systems and all aspects of a medical gas system.

NFPA 96, *Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations*, 2014 edition.

NFPA 101[®], *Life Safety Code*[®], 2015 edition.

NFPA 102, *Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures*, 2011 edition.

NFPA 140, *Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations*, 2013 edition.

NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*, 2013 edition.

F NFPA 220, *Standard on Types of Building Construction*, 2015
L edition.

NFPA 241, *Standard for Safeguarding Construction, Alteration, and Demolition Operations*, 2013 edition.

NFPA 303, *Fire Protection Standard for Marinas and Boatyards*, 2011 edition.

NFPA 307, *Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves*, 2011 edition.

NFPA 312, *Standard for Fire Protection of Vessels During Construction, Conversion, Repair, and Lay-Up*, 2011 edition.

NFPA 318, *Standard for the Protection of Semiconductor Fabrication Facilities*, 2015 edition.

NFPA 400, *Hazardous Materials Code*, 2013 edition.

NFPA 402, *Guide for Aircraft Rescue and Fire-Fighting Operations*, 2013 edition.

NFPA 407, *Standard for Aircraft Fuel Servicing*, 2012 edition.

NFPA 415, *Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways*, 2013 edition.

NFPA 418, *Standard for Heliports*, 2011 edition.

F NFPA 472, *Standard for Competence of Responders to
L Hazardous Materials/Weapons of Mass Destruction Incidents*,
F 2013 edition.

NFPA 654, *Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids*, 2013 edition.

NFPA 805, *Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants*, 2010 edition.

NFPA 914, *Code for Fire Protection of Historic Structures*, 2010 edition.

F NFPA 1031, *Standard for Professional Qualifications for Fire
L Inspector and Plan Examiner*, 2014 edition.

F NFPA 1124, *Code for the Manufacture, Transportation,
L Storage, and Retail Sales of Fireworks and Pyrotechnic Articles*,
F 2006 edition.

F NFPA 1141, *Standard for Fire Protection Infrastructure for
L Land Development in Wildland, Rural, and Suburban Areas*, 2012
F edition.

NFPA 1144, *Standard for Reducing Structure Ignition Hazards from Wildland Fire*, 2013 edition.

F NFPA 5000[®], *Building Construction and Safety Code*[®], 2015
L edition.

Multiple definitions in Chapter 3 were deleted by a tentative interim amendment (TIA). See page 1.

Chapter 3 Definitions

F 3.1 General

L The definitions contained in this chapter shall apply to the terms
L used in this Code. Where terms are not defined in this chapter or
L within another chapter, they shall be defined using their ordinarily
L accepted meanings within the context in which they are used.
L ~~Merriam-Webster's Collegiate Dictionary, 11th edition, shall be~~
L ~~the source for the ordinarily accepted meaning~~ the definition
L within the Florida Building Code.

L 3.1.1 Where terms are not defined in this chapter, within another
L chapter, or the Florida Building Code, they shall be defined using
L their ordinarily accepted meanings within the context in which
L they are used. Webster's Third New International Dictionary of
L the English Language, Unabridged, shall be a source for
L ordinarily accepted meaning.

3.2 NFPA Official Definitions.

3.2.1* **Approved.** Acceptable to the AHJ.

3.2.2* **Authority Having Jurisdiction (AHJ).** An organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure.

3.2.3* **Code.** A standard that is an extensive compilation of provisions covering broad subject matter or that is suitable for adoption into law independently of other codes and standards.

3.2.4 **Guide.** A document that is advisory or informative in nature and that contains only nonmandatory provisions. A guide may contain mandatory statements such as when a guide can be used, but the document as a whole is not suitable for adoption into law.

3.2.5 **Labeled.** Equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization that is acceptable to the AHJ and concerned with product evaluation, that maintains periodic inspection of production of labeled equipment or materials, and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

3.2.6* **Listed.** Equipment, materials, or services included in a list published by an organization that is acceptable to the AHJ and concerned with evaluation of products or services, that maintains periodic inspection of production of listed equipment or materials or periodic evaluation of services, and whose listing states that either the equipment, material, or service meets appropriate designated standards or has been tested and found suitable for a specified purpose.

3.2.7 **Recommended Practice.** A document that is similar in content and structure to a code or standard but that contains only nonmandatory provisions using the word "should" to indicate recommendations in the body of the text.

3.2.8 **Shall.** Indicates a mandatory requirement.

3.2.9 **Should.** Indicates a recommendation or that which is advised but not required.

3.2.10 **Standard.** A document, the main text of which contains only mandatory provisions using the word "shall" to indicate requirements and which is in a form generally suitable for mandatory reference by another standard or code or for adoption into law. Nonmandatory provisions shall be located in an appendix or annex, footnote, or fine-print note and are not to be considered a part of the requirements of a standard.



What's The Difference Between "i.e." And "e.g."?



Righto, It's British Slang, Mate!



"Infamous" vs. "Notorious": Why Is There A Difference?



How To Name A Cocktail



How Do You Use The Word "Myriad" In A Sentence?



When "Mixed" Isn't Enough

British Dictionary definitions for municipality

municipality

 / (mjuːˌnɪsɪˈpælɪtɪ) /

noun plural **-ties**

- 1 a city, town, or district enjoying some degree of local self-government
the governing body of such a unit

Collins English Dictionary - Complete & Unabridged 2012 Digital Edition © William Collins Sons & Co. Ltd. 1979, 1986 © HarperCollins Publishers 1998, 2000, 2003, 2005, 2006, 2007, 2009, 2012

Word Origin and History for municipality

municipality

n.

1789, from French *municipalité* , from *municipal* (see [municipal](#)).

Online Etymology Dictionary, © 2010 Douglas Harper

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The Double Meanings For These Innocent Animal Emojis

•



Playful Words That Jane Austen Popularized



definitions



municipality



chrome

Yes, get Chrome now

municipality

[myoo-nis-uh-pal-i-tee] [SHOW IPA](#)

[EXAMPLES](#) | [WORD ORIGIN](#)

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noun, plural mu·nic·i·pal·i·ties.

- 1 a city, town, or other district possessing corporate existence and usually its own local government.

a community under [municipal](#) jurisdiction.

the governing body of such a district or community.

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Definition of *municipality*

1: a primarily urban political unit having corporate (see [corporate sense 1a](#)) status and usually powers of self-government Elections were held in the municipality.

2: the governing body of a municipality The municipality approved the budget for the year.

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Examples of *municipality* in a Sentence

laws that have been enacted by many states and *municipalities* a *municipality* with an excellent police department

Recent Examples on the Web

In budget documents, Mr. Cuomo said the loss wasn't a significant source of revenue for the affected *municipalities*. — [Jimmy Vielkind, WSJ, "Cuomo's Budget Proposal Cuts Aid to Municipalities," 16 Jan. 2019](#) For a *municipality* looking for the safest way to transport thousands of citizens a day, that's a big benefit. — [Megan Geuss, Ars Technica, "Are diesel's days numbered? A view from a trip to BYD's electric bus factory," 14 Aug. 2018](#)

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