

## **SECTION 5 - COMMERCIAL CONSTRUCTION – MECHANICAL, ELECTRICAL, PLUMBING AND OTHER TECHNICAL CODES**

### **5.2 ELECTRICAL CODE**

#### **5.2.11 ELECTRICAL INSPECTOR QUALIFICATIONS**

**5.2.11.1 Chief Electrical Inspector.** An electrical inspector is designated by the building official to administer the requirements of the Electrical Code. The Chief Electrical Inspector must:

- A) be an employee of the City;
- B) maintain a current Texas Department of Licensing and Regulation (TDLR) master electrical license;
- C) have certification as a residential and commercial electrical inspector, or electrical inspector general under the certification program established by the International Code Council (ICC) or the International Association of Electrical Inspectors (IAEI); and
- D) have at least 10 years of experience as an engineer, contractor, or superintendent of electrical construction, or a combination thereof, with at least five years of experience in a responsible supervisory capacity and five years of experience as an electrical inspector.

**5.2.11.2 Electrical Inspector.** An electrical inspector is authorized by the building official to perform electrical inspections under the requirements of the Electrical Code. An electrical inspector must:

- A) be an employee of the City;
- B) have a current TDLR Master Electrical License that was issued at least two years before the date the inspector is hired by the City; and
- C) have a current certification as a residential and commercial electrical inspector, or electrical inspector general under the certification program established by ICC, or IA EI, or obtain such certifications within one year after the date of hire and maintain the certifications thereafter.

### **5.4 ~~BUILDING CODE~~ FIRE CODE**

**5.4.1 GENERAL -** This section contains information related to compliance with local amendments to the adopted Building Code. Local amendments can be found on the City website [www.Austintexas.gov](http://www.Austintexas.gov) or in the City Code Section 25-12. The Building Code applies to all commercial construction within the City of Austin’s jurisdiction.

#### **5.4.2 COMMERCIAL BUILDING INSPECTOR QUALIFICATIONS**

##### **5.4.2.1 Chief Commercial Building Inspector**

The commercial building inspection supervisor must:

- A) be an employee of the City of Austin;
- B) maintain a current certification as a commercial and residential building inspector under the certification program established by the International Code Council (ICC); and
- C) maintain a current certification as a commercial and residential energy inspector under the certification program established by ICC; and
- D) have at least ten years of experience as an engineer, contractor, building inspector, or superintendent of building construction, or a combination thereof.

#### **5.4.2.1 Commercial Building Inspector**

A commercial building inspector must:

- A) be an employee of the City of Austin;
- B) maintain a current certification as a commercial and residential building inspector under the certification program established by ICC; and
- C) maintain a current certification as a commercial and residential energy inspector under the certification program established by ICC, or obtain such certifications within one year after the date of hire and maintain the certifications thereafter.

## **5.5 MECHANICAL CODE**

### **5.5.4 COMMERCIAL PLUMBING AND MECHANICAL INSPECTOR QUALIFICATIONS**

**5.5.4.1 Qualified Inspectors.** An inspector who performs inspections under this Code must meet the following qualifications:

#### **5.5.4.2 Chief Plumbing and Mechanical Inspector Supervisor**

The plumbing/mechanical inspection supervisor must:

- A) be an employee of the City of Austin;
- B) maintain a current plumbing inspector license issued by the Texas State Board of Plumbing and the Texas State Board of Examiners;
- C) maintain a current certification as a mechanical and plumbing inspector under the certification program established by the International Code Council (ICC) or International Association of Plumbing and Mechanical Officials (IAPMO); and
- D) maintain a current certification in the International Energy Conservation Code (both residential and commercial) established by ICC; and
- E) have at least ten years of experience as a licensed master plumber or equivalent experience as a state licensed air conditioning and refrigeration contractor. Five years of inspection experience may be substituted for five years of craft experience.

#### **5.5.4.3 Commercial Mechanical Inspector**

A commercial mechanical inspector must:

- A) be an employee of the City of Austin;
- B) maintain a current certification as a mechanical inspector under the certification program established by the ICC or IAPMO and maintain a current certification in the

- International Energy Conservation Code (both residential and commercial) established by ICC;
- C) have at least five years of inspection and/or craft experience.
  - D) A person hired by the City as a commercial mechanical inspector must become certified through the certification program established by ICC or IAPMO not later than one year after the date of employment and must become certified in the International Energy Conservation Code not later than two years after the date of employment.

## **5.6 PLUMBING CODE**

### **5.6.6 COMMERCIAL PLUMBING AND MECHANICAL INSPECTOR QUALIFICATIONS**

#### **5.6.6.1 Chief Plumbing and Mechanical Inspector**

The commercial plumbing/mechanical inspection supervisor must:

- A) be an employee of the City of Austin;
- B) maintain a current plumbing inspector license issued by the Texas State Board of Plumbing and the Texas State Board of Examiners;
- C) maintain a current certification as a mechanical and plumbing inspector under the certification program established by ICC or IAPMO; and
- D) maintain a current certification in the International Energy Conservation Code (both residential and commercial) established by ICC; and
- E) have at least ten years of experience as a licensed master plumber or equivalent experience as a state licensed air conditioning and refrigeration contractor. Five years of inspection experience may be substituted for five years of craft experience.

#### **5.6.6.2 Commercial Plumbing Inspector**

A commercial plumbing inspector must:

- A) be an employee of the City of Austin;
- B) maintain a current plumbing inspector license issued by the Texas State Board of Plumbing Examiners;
- C) maintain a current certification as a plumbing inspector under the certification program established by ICC or IAPMO; and
- D) have at least five years of experience as a state licensed master or journeyman plumber.
- E) A person hired by the City as a commercial plumbing inspector must become certified through the certification program established by ICC or IAPMO not later than one year after the date of employment and must become certified in the International Energy Conservation Code not later than two years after the date of employment.