

# **BFAAM Apprenticeship Program**

Period 3

Related Training Instruction (RTI)

Module 1 – Michigan Building Code

Reading material associated with this

module: Chapter 1 of the

*Michigan Building Code* 2015 edition

**2015**

# **Michigan Building Code**

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# 2015 MBC

- Effective April, 2017
- Adopts 2015 International Code Council Building Code, with specific Michigan deletions and modifications

# Code Relationships

- Building Code (MBC, LSC) determines which occupancies require fire alarms, and what extent of protection is required
- Installation Codes/Standards (NFPA 70, 72, 90A) establish installation requirements such as wiring methods and materials, device placement and configuration, and documentation requirements

# 2015 MBC - Chapters affecting Fire Alarm Systems

- Chapter 1 – Scope and Administration
- Chapter 3 - Use & Occupancy Classifications
- Chapter 4 - Special Occupancies
- Chapter 7 - Fire Resistant Construction
- Chapter 9 - Fire Protection Systems
- Chapter 10 - Means of Egress
- Chapter 11 - Accessibility

# 2015 MBC

- The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.4.1 and 102.4.2

102.4

# 2015 MBC

- Where differences occur between this code and referenced codes and standards, the provisions of this code shall apply

102.4.1

# 2015 MBC

- The building official has the authority to interpret the provisions of the code, in accordance with the intent and purpose of the code, and to adopt policies and procedures clarifying the application of the code. Such policies shall not have the effect of waiving requirements specifically provided for in the code.

104.1



# 2015 MBC

- Material, equipment and devices shall be constructed or installed in accordance with approvals granted under the act or by the building official. The building official shall review reports prepared by recognized evaluation services and determine if the intent of the code is met

104.9

# 2015 MBC

- Alternatives to the methods/equipment specified in the Code shall be approved if the building official finds that the proposed design is satisfactory and complies with the intent of the code, and the alternative is at least the equivalent as prescribed in the Code

104.11

# 2015 MBC

- Shop drawings for the fire protection system(s) shall be submitted to indicate conformance to this code, and the construction documents shall be approved prior to the start of system installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9

107.2.2

# 2015 MBC

- Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents

107.4

# 2015 MBC

- A building or structure shall not be used or occupied, and a change in the existing occupancy classification of a building or portion thereof shall not be made until a certificate of occupancy has been issued in accordance with the act.

111.1

# 2015 MBC

- Appeals: An interested person may appeal a decision of the enforcing agency to the board of appeals. An application for appeal shall be based on a claim that the true intent of the code has been incorrectly interpreted, the provisions of the code do not apply, or an equal or better form of construction is proposed.

113.1

# 2015 MBC

- Appeals: The decision of a local board of appeals may be appealed to the construction code commission in accordance with the act and time frames
- Appealable items include denial of permit, or failure to issue permit within 15 business days, decisions related to the code, denial of a request for variance to the code

113.1, BCC Board Manual

# 2015 MBC

- Appeal time frames: A local board of appeals must hear the appeal and file its decision within 30 days after submission of appeal. Failure to act within this time frame constitutes a denial of the appeal
- Within 10 days of a denial by a local board of appeals, the decision can be appealed to the State Construction Code Commission

MCL 125.1514, 1516



# 2015 MBC

- The Construction Code Commission may affirm, modify or reverse a decision of a local board of appeals or the enforcing agency. A decision is binding on the applicant and affected local jurisdiction.
- An appeal to the Commission shall be decided within 30 days of receipt of appeal

MCL 125.1516

# 2015 MBC

- The Construction Code Commission appeal is the final step in an administrative appeal
- Decisions of the Construction Code Commission can only be appealed in the Ingham County Circuit Court

MCL 125.1518

# **BFAAM Apprenticeship Program**

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Reading Assignment for

Module 2 – Michigan Building Code

Reading material associated with this  
module: Chapters 3, 4 & 7 of the Michigan  
Building Code, 2015 edition