



INDUSTRIALIZED HOUSING AND BUILDINGS

Amendments to the 2015 *International Building Codes* and the 2014 *NEC*

Code Language Format

Effective August 1, 2017

Reference Administrative Rule §70.101

Underlined text is new language, [~~Strike through text~~] is deleted language

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**TDLR – Industrialized Housing and Buildings
Amendments to the 2015 International Building Code (IBC)**

Reference Administrative Rule §70.101(c)

Effective August 1, 2017

101 General

101.1 Title.

Reference rule §70.101(c)(1)(A)

101.1 Title. These regulations shall be known as the Building Code of the Texas Industrialized Housing and Buildings Program, hereinafter referred to as “this code.”

Reason: To identify the mandatory building code for the TX IHB program.

101.2 Scope.

Reference rule §70.101(c)(1)(B)

101.2 Scope. 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. Where conflicts occur between the provisions of this code and the provisions of Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings, or the provisions of 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program, the provisions of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70 shall control.

Reason: To recognize that the IHB law and rules govern over the mandatory building code when provisions differ.

101.2.1 Appendices.

Reference rule §70.101(c)(1)(C)

101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted. Appendices C, F, and K shall be considered part of this code.

Reason: Appendix C is adopted to add requirements for any modular agriculture buildings that may be constructed under the TX IHB program. Appendix F is adopted to add requirements to protect against the entry of rodents into a building. Appendix K is adopted to add administrative requirements for the NEC similar to those for the International Codes.

101.4 Referenced codes.

Reference rule §70.101(c)(1)(D)

101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.9 [101.4.7] and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Whenever amendments to the referenced codes have been adopted, each reference to said code shall be considered to reference the amendment as well.

101.4.7 Existing buildings.

Reference rule §70.101(c)(1)(E)

101.4.7 Existing buildings. The provisions of the International Existing Building Code shall apply to matters governing the repair, alteration, change of occupancy, addition to and relocation of existing buildings. Moved industrialized buildings that bear approved certification decals or insignia, and that may also bear an alteration decal, in accordance with the requirements of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70, and that have not been altered or modified since the decal, insignia, or alteration decal was attached, shall be considered to be in compliance with the current mandatory building codes adopted by the Texas Industrialized Building Code Council.

101.4.8 Electrical.

Reference rule §70.101(c)(1)(F)

101.4.8 Electrical. The provisions of Appendix K shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto. Any reference to NFPA 70 or the Electrical Code shall mean the Electrical Code as adopted.

101.4.9 Accessibility.

Reference rule §70.101(c)(1)(G)

101.4.9 Accessibility. Buildings and facilities shall be designed and constructed to be accessible in accordance with this code and the *Texas Accessibility Standards (TAS)*. Wherever reference elsewhere in this code is made to ICC A117.1, the *TAS of Texas Government Code, Chapter 469, Elimination of Architectural Barriers* shall be substituted. Buildings subject to the requirements of the *Texas Accessibility Standards* are described in Administrative Rules of the Texas Department of Licensing and Regulation, 16 Texas Administrative Code, Chapter 68.

Reason: To adopt TAS as the accessibility standard required by law (in lieu of the ICC A117.)1.

104 Duties and Powers of Building Official

Reference rule §70.101(c)(2)

104.1 General.

104.1 General. The *building official* is hereby authorized and directed to enforce the provisions of this code. The *building official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. 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. The

term *building official* as used in this code, or as used in the codes and standards referenced in this code, shall mean the Texas Commission of Licensing and Regulation, the executive director of the Texas Department of Licensing and Regulation, the Texas Industrialized Building Code Council, or the local *building official* in accordance with the powers and duties assigned to each in Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings.

107 Submittal documents.

Reference rule §70.101(c)(3)

107.1 General.

107.1 General. Submittal documents consisting of construction documents, statement of special inspections, geotechnical report and other data shall be submitted in two or more sets with each permit application. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the *building official* is authorized to require additional construction documents to be prepared by a registered design professional. Construction documents depicting the structural design of buildings to be located in hurricane prone regions shall be prepared and sealed by a Texas licensed professional engineer.

111 Certificate of Occupancy

Reference rule §70.101(c)(4)

111.1 Use and occupancy.

Reference rule §70.101(c)(4)(A)

111.1 Use and occupancy. A building or structure shall not be used or occupied, and a change in the existing use or occupancy classification of a building or structure or portion thereof shall not be made, until the local *building official* has issued a certificate of occupancy in accordance with the locally adopted rules and regulations. ~~[therefor as provided herein.]~~ Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction.

Exception: Certificates of occupancy are not required for work exempt from permits under Section 105.2.

111.2 Certificate issued.

Reference rule §70.101(c)(4)(B) and (C)

111.2 Certificate issued. The local *building official* shall issue a certificate of occupancy in accordance with the locally adopted rules and regulations. After the *local building official* inspects the industrialized house or building [or structure] and does not find violations of the provisions of this code or other laws that are enforced by the department of building safety, the *local building official* shall issue a record of final inspection authorizing the release of the house or building for occupancy. [a certificate of occupancy that contains the following:

1. The building *permit* number.
2. The address of the structure.
3. The name and address of the *owner* or the *owner's* authorized agent.
4. A description of that portion of the structure for which the certificate is issued.
5. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code for the occupancy and division of occupancy and the use for which the proposed occupancy is classified.
6. The name of the *building official*.
7. The edition of the code under which the *permit* was issued.
8. The use and occupancy, in accordance with the provisions of Chapter 3.
9. The type of construction as defined in Chapter 6.
10. The design *occupant load*.
11. If an *automatic sprinkler system* is provided, whether the sprinkler system is required.
12. Any special stipulations and conditions of the building *permit*.

111.3 Temporary occupancy.

Reference rule §70.101(c)(4)(D)

111.3 Temporary occupancy. The local *building official* may issue a temporary certificate of occupancy in accordance with locally adopted rules and regulations. [The *building official* is authorized to issue a temporary certificate of occupancy before the completion of the entire work covered by the permit, provided that such portion or portions shall be occupied safely. The *building official* shall set a time period during which the temporary certificate of occupancy is valid.]

111.5 Industrialized housing and buildings installed outside the jurisdiction of a municipality or in a municipality without an inspection department.

Reference rule §70.101(c)(4)(E)

111.6 Industrialized housing and buildings installed outside the jurisdiction of a municipality or in a municipality without an inspection department. The installation of buildings installed outside the jurisdiction of a municipality or within a municipality without an inspection department shall comply with the requirements of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70, Administrative Rules Industrialized Housing and Buildings.

311 Storage Group S

311.3 Low-hazard storage, Group S-2.

Reference rule §70.101(c)(5)

311.3 Low-hazard storage, Group S-2. Storage Group S-2 occupancies include, among others, buildings used for the storage of noncombustible materials such as products on wood pallets or in paper cartons with or without single thickness divisions; or in paper wrappings. Such products are permitted to have a negligible amount of plastic trim, such as knobs, handles or film wrapping. Group S-2 storage uses shall include, but not be limited to, storage of the following:

Asbestos

Beverages up to and including 16-percent alcohol in metal, glass or ceramic containers

Cement in bags

Chalk and crayons

Dairy products in nonwaxed coated paper containers

Dry cell batteries

Electrical coils

Electrical motors

Empty cans

Equipment shelters or equipment buildings

Food products

Foods in noncombustible containers

Fresh fruits and vegetables in nonplastic trays or containers

Frozen foods

Glass

Glass bottles, empty or filled with noncombustible liquids

Gypsum board

Inert pigments

Ivory

- Meats
- Metal cabinets
- Metal desks with plastic tops and *trim*
- Metal parts
- Metals
- Mirrors
- Oil-filled and other types of distribution transformers
- Parking garages, open or enclosed
- Porcelain and pottery
- Stoves
- Talc and soapstones
- Washers and dryers

Chapter 11 Accessibility

Reference rule §70.101(c)(6)

1101.2 Design.

Reference rule §70.101(c)(6)(A)

1101.2 Design. Buildings and facilities shall be designed and constructed to be *accessible* in accordance with this code and the Texas Accessibility Standards (TAS) [ICC A117.1.]

Delete 1102 through 1111

Reference rule §70.101(c)(6)(B)

Delete Section 1102 through Section 1111.

Chapter 35 Referenced Standards

Reference rule §70.101(c)(7)(A) through (C)

Revise the referenced standards as shown below.

ICC	International Code Council, Inc. 500 New Jersey Ave, NW 6th Floor Washington, DC 20001	
Standard reference number	Title	Referenced in code section number
[ICC/ANSI A117.1-09]	[Accessible and Usable Buildings and Facilities]	[202, 907.5.2.3.3, 1009.8.2, 1009.9, 1009.11, 1010.1.9.7, 1012.1, 1012.6.5, 1012.10, 1013.4, 1023.9, 1101.2, 1111.2, 1111.3, 1111.4, 1111.4.2]

TDLR		Texas Department of Licensing and Regulation P.O. Box 12157 Austin, TX 78711
Standard reference number	Title	Referenced in code section number
TAS 2012 – effective March 2012	<u>Texas Accessibility Standards</u> as adopted under 16 Texas Administrative Code, Chapter 68	202, 907.5.2.3.3, 1009.8.2, 1009.9, 1009.11, 1010.1.9.7, 1012.1, 1012.6.5, 1012.10, 1013.4, 1023.9, 1101.2
NFPA		National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471
Standard reference number	Title	Referenced in code section number
70–14	National Electrical Code	101.4.8, 108.3, 415.11.1.8, 904.3.1, 907.6.1, 909.12.2, 909.16.3, 1205.4.1, 2701.1, 2702.1.2, G501.4, G1001.6, H106.1, H106.2, K101, K111.1

K111 Electrical Provisions

Reference rule §70.101(c)(8)

K111.1 Adoption.

K111.1 Adoption. Electrical systems and equipment shall be designed, constructed and installed in accordance with ~~[the International Residential Code or]~~ NFPA 70 ~~[as applicable,]~~ except as otherwise provided in this Code.

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**TDLR – Industrialized Housing and Buildings
Amendments to the 2015 International Residential Code (IRC)**

*Reference Administrative Rule §70.101(d)
Effective August 1, 2017*

R101 General

Reference §70.101(d)(1)

R101.1 Title.

Reference §70.101(d)(1)(A)

R101.1 Title. These regulations [~~provisions~~] shall be known as the Residential Code for One- and Two-family Dwellings of the Texas Industrialized Housing and Buildings Program, hereinafter [~~and shall be cited as such and will be referred to herein~~] referred to as “this code.”

R101.2 Scope.

Reference §70.101(d)(1)(B)

R101.2 Scope. The provisions of the *International Residential Code for One- and Two-family Dwellings* shall apply to the construction, *alteration*, movement, enlargement, replacement, repair, *equipment*, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and *townhouses* not more than three stories above *grade plane* in height with a separate means of egress and their *accessory structures* not more than three stories above *grade plane* in height. Where conflicts occur between the provisions of this code and the provisions of Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings, or the provisions of 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program, the provisions of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70 shall control.

R102 Applicability

Reference §70.101(d)(2)

R102.4 Referenced codes and standards.

Reference §70.101(d)(2)(A)

R102.4 Referenced codes and standards. 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 R102.4.1 through R102.4.4. [~~and R102.4.2.~~] Whenever amendments to the referenced codes have been adopted, each reference to said code shall be considered to reference the amendment as well.

R102.4.3 Electrical code.

Reference §70.101(d)(2)(B)

R102.4.3 Electrical code. The provisions of the *National Electrical Code*, NFPA 70, shall apply to the installation of electrical systems, including alterations, repairs, replacements, equipment, appliances, fixtures, fittings and appurtenances thereto. Any reference to NFPA 70 or the Electrical Code shall mean the Electrical Code as adopted. Any reference to chapters 34 through 43 of this code shall mean the Electrical Code as adopted.

R102.4.4 TDI Code – Wind design.

Reference §70.101(d)(2)(C)

R102.4.4 TDI Code – Wind design. The wind design of buildings to be placed in the first tier counties along the Texas coast and designated catastrophe areas as defined by the Texas Department of Insurance (TDI) shall also comply with the current effective code and amendments adopted by the TDI, hereafter referred to as the TDI Code. Where conflicts occur between the provisions of this code and the TDI Code as they relate to the requirements for wind design, the more stringent requirements shall apply. Where conflicts occur between the provisions of this code and the editions of the codes specified by the Texas Department of Insurance as they relate to requirements other than wind design, this code shall apply.

R102.5 Appendices.

Reference §70.101(d)(2)(D)

R102.5 Appendices. Provisions in the appendices shall not apply unless specifically referenced in the adopting ordinance. Appendices G, H, K, P, S and U shall be considered part of this code.

R102.8 Moved industrialized housing.

Reference §70.101(d)(2)(E)

R102.8 Moved industrialized housing. Moved industrialized housing shall comply with the requirements of the local *building official* for moved buildings.

R104 Duties and Powers of the Building official

R104.1 General.

Reference §70.101(d)(3)

R104.1 General. The *building official* is hereby authorized and directed to enforce the provisions of this code. The *building official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in conformance 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. The term *building official* as used in this code, or as used in the codes and standards referenced in this code, shall mean the Texas Commission of Licensing and Regulation, the executive director of the Texas Department of Licensing and Regulation, the Texas Industrialized Building Code Council, or the local *building official* in accordance with the powers and duties assigned to each in Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings.

R106 Construction Documents

R106.1 Submittal documents.

Reference §70.101(d)(4)

R106.1 Submittal documents. Submittal documents consisting of construction documents, and other data shall be submitted in two or more sets with each application for a permit. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the *building official* is authorized to require additional construction documents to be prepared by a registered design professional. Construction documents depicting the structural design of buildings to be located in hurricane prone regions and in the first tier counties along the Texas coast and designated catastrophe areas as defined by the Texas Department of Insurance (TDI) shall be prepared and sealed by a Texas licensed professional engineer.

R110 Certificate of Occupancy

Reference §70.101(d)(5)

R110.1 Use and occupancy.

Reference §70.101(d)(5)(A)

R110.1 Use and occupancy. A building or structure shall not be used or occupied, and a change in the existing use or occupancy classification of a building or structure or portion thereof shall not be made, until the local building official has issued a certificate of occupancy in accordance with locally adopted rules and regulations. ~~[therefor as provided herein.]~~ Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the *jurisdiction*. Certificates presuming to give authority to violate or cancel the provisions of this code or other ordinances of the *jurisdiction* shall not be valid.

Reason: Revised because the TX IHB program does not issue certificates of occupancy.

R110.2 Change in use.

Reference §70.101(d)(5)(B)

R110.2 Change in use. Changes in the character or use of new industrialized housing are not allowed. Changes in the character or use of existing industrialized housing ~~[an existing structure]~~ shall not be made except as authorized by the local building official. ~~[specified in Sections 3408 and 3409 of the International Building Code.]~~

R110.3 Certificate issued.

Reference §70.101(d)(5)(C) and (D)

R110.3 Certificate Issued. The local building official shall issue a certificate of occupancy in accordance with the locally adopted rules and regulations. After the local building official inspects the industrialized house or building ~~[or structure]~~ and does not find violations of the provisions of this code or other laws that are enforced by the department of building safety, then the local building official shall issue a record of final inspection authorizing the release of the house or building for occupancy. ~~[certificate of occupancy containing the following:~~

- ~~1. The building permit number.~~
- ~~2. The address of the structure.~~
- ~~3. The name and address of the owner or the owner's authorized agent.~~
- ~~4. A description of that portion of the structure for which the certificate is issued.~~

- ~~5. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code.~~
- ~~6. The name of the *building official*.~~
- ~~7. The edition of the code under which the *permit* was issued.~~
- ~~8. If an automatic sprinkler system is provided and whether the sprinkler system is required.~~
- ~~9. Any special stipulations and conditions of the building *permit*.]~~

R110.4 Temporary occupancy.

Reference §70.101(d)(5)(E)

R110.4 Temporary occupancy. The local *building official* may issue a temporary certificate of occupancy in accordance with locally adopted rules and regulations. ~~[The *building official* is authorized to issue a temporary certificate of occupancy before the completion of the entire work covered by the permit, provided that such portion or portions shall be occupied safely. The *building official* shall set a time period during which the temporary certificate of occupancy is valid.]~~

Reason: To allow local officials to adopt their own requirements for issuing certificates of occupancy for temporary occupancies.

R110.6 Industrialized housing installed outside the jurisdiction of a municipality or in a municipality without an inspection department.

Reference §70.101(d)(5)(F)

R110.6 Industrialized housing installed outside the jurisdiction of a municipality or in a municipality without an inspection department. The installation of industrialized housing installed outside the jurisdiction of a municipality or within a municipality without an inspection department shall comply with the requirements of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70, Administrative Rules Industrialized Housing and Buildings.

R301 Design Criteria

R301.2 Climatic and geographic design criteria.

Reference §70.101(d)(6)

R301.2 Climatic and geographic design criteria. Buildings shall be constructed in accordance with the provisions of this code as limited by the provisions of this section. Additional criteria shall be established by the local *jurisdiction* and set forth in Table R301.2(1). If no additional criteria have been established, or if there is no local jurisdiction to set the additional criteria, then the additional criteria shall be in

accordance with the requirements in the footnotes of Table R301.2(1) and Sections R301.2.1 through R301.8 of this code.

R302 Fire-Resistance Construction

R302.2 Townhouses.

Reference §70.101(d)(7)

R302.2 Townhouses. Common walls separating townhouses shall be assigned a fire-resistance rating in accordance with Section R302.2, Item 1 or 2. The common wall shared by two townhouses shall be constructed without plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. The wall shall be rated for fire exposure from both sides and shall extend to and be tight against exterior walls and the underside of the roof sheathing. Electrical installations shall be in accordance with Chapters 34 through 43. Penetrations of the membrane of common walls for electrical outlet boxes shall be in accordance with Section R302.4.

1. Where a fire sprinkler system in accordance with Section P2904 is provided, the common wall shall be not less than a 1-hour fire-resistance-rated wall assembly tested in accordance with ASTM E 119 or UL 263.
2. Where a fire sprinkler system in accordance with Section P2904 is not provided, the common wall shall be not less than a 2-hour fire-resistance-rated wall assembly tested in accordance with ASTM E 119 or UL 263.

Exception: Two structurally independent one-hour fire-resistance-rated wall assemblies, tested in accordance with ASTM E 119 or UL 263 with exposure from both sides, may be substituted for a 2-hour fire-resistance-rated common wall assembly. The walls shall be constructed without plumbing or mechanical equipment, ducts or vents in the cavity of the walls. Penetrations of each wall for electrical outlet boxes shall be in accordance with Section R 302.4.

R303 Light, Ventilation and Heating

R303.9 Required heating.

Reference §70.101(d)(8)

R303.9 Required heating. ~~Every [When the winter design temperature in Table R301.2(1) is below 60°F (16°C), every]~~ dwelling unit shall be provided with heating facilities capable of maintaining a minimum room temperature of 68°F (20°C) at a point 3 feet (914 mm) above the floor and 2 feet (610 mm) from

exterior walls in habitable rooms at the design temperature. The installation of one or more portable space heaters shall not be used to achieve compliance with this section.

R313 Automatic Fire Sprinkler Systems

Reference §70.101(d)(9)

R313.1 Townhouse automatic fire sprinkler systems.

Reference §70.101(d)(9)(A)

R313.1 Townhouse automatic fire sprinkler systems. The common wall between townhouses shall be constructed in accordance with Section R302.2(2) if an automatic residential fire sprinkler system is not installed. The fire-rating of the common wall may be reduced in accordance with Section R302.2(1) if an [A] automatic residential fire sprinkler system is [shall be] installed in townhouses.

R313.2 One- and two-family dwelling automatic fire sprinkler systems.

Reference §70.101(d)(9)(B)

R313.2 One- and two-family dwelling automatic fire sprinkler systems. The construction, projections, openings and penetrations of exterior walls of one- and two-family dwellings and accessory buildings shall comply with Table R302.1(1) if an automatic residential fire sprinkler system is not installed. The construction, projections, openings and penetrations of the exterior walls of one- and two-family dwellings and their accessory uses may be constructed in accordance with the requirements of Table R302.1(2) if an [A] automatic residential fire sprinkler system is [shall be] installed in one- and two-family dwellings.

R902 Fire Classification

R902.1 Roofing covering materials.

Reference §70.101(d)(10)

R902.1 Roofing covering materials. Roofs shall be covered with materials as set forth in Sections R904 and R905. Class A, B or C roofing shall be installed [~~in areas designated by law as requiring their use or when the edge of the roof is less than 3 feet (914 mm) from a property line~~]. Classes A, B and C roofing required by this section to be listed shall be tested in accordance with UL 790 or ASTM E 108.

Chapter 11 Energy Efficiency

Reference §70.101(d)(11)

Replace N1101.2 Intent with N1101.2 Compliance.

Reference §70.101(d)(11)(A)

N1101.2 Compliance. Compliance shall be demonstrated by meeting the requirements of the Residential Provisions of the International Energy Conservation Code. [~~N1101.2 (R101.3) Intent. This chapter shall regulate the design and construction of buildings for the effective use and conservation of energy over the useful life of each *building*. This chapter is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this objective. This chapter is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.~~]

Delete Section N1101.3 through N1111

Reference §70.101(d)(11)(A)

Delete Part VIII – Electrical, Chapters 34 through 43

Reference §70.101(d)(12)

Chapter 44 Referenced Standards

Reference §70.101(d)(13)(A), (B), and (C)

Revise referenced standards as shown below.

ICC	International Code Council, Inc. 500 New Jersey Avenue, NW 6 th Floor Washington, DC 20001	
Standard reference number	Title	Referenced in code section number
IECC-15	International Energy Conservation Code	N1101.2[, N1101.5, N1101.13.1]
NFPA	National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471	
Standard reference number	Title	Referenced in code section number
70–14	National Electrical Code	R102.4.3 [E3401.1, E3401.2, E4301.1, Table E4303.2, E4304.3, E4304.4,] R324.3



Texas Department of Insurance
Windstorm Inspections Program
333 Guadalupe Street
Austin, TX 78701
<http://www.tdi.texas.gov/wind/downloads.html>

Standard reference number	Title	Referenced in code section number
TDI Code	Building Codes adopted by TDI for the Windstorm Inspection Program	R102.4.4, R106.1

Appendix U – Solar-Ready Provisions – Detached One- and Two-Family Dwellings, Multiple Single-Family Dwellings (Townhouses)

U101.1 General.

Reference §70.101(d)(14)

U101.1 General. These provisions shall be applicable for new construction where solar-ready provisions are provided. [~~required~~]

Reason: To adopt applicable standards for those manufacturers who may want to provide solar-ready provisions on modular housing that they construct.

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**TDLR – Industrialized Housing and Buildings
Amendments to the 2015 International Fuel Gas Code (IFGC)**

Reference Administrative Rule §70.101(e)

Effective August 1, 2017

101 General

101.1 Title.

Reference §70.101(e)(1)(A)

101.1 Title. These regulations shall be known as the Fuel Gas Code of the Texas Industrialized Housing and Buildings Program, hereinafter referred to as "this code."

101.2 Scope.

Reference §70.101(e)(1)(B)

101.4 Scope. This code shall apply to the installation of fuel-gas *pipng* systems, fuel gas appliances, gaseous hydrogen systems and related accessories in accordance with Sections 101.2.1 through 101.2.5. Where conflicts occur between the provisions of this code and the provisions of Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings, or the provisions of 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program, the provisions of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70 shall control.

102 Applicability

Reference §70.101(e)(2)

102.4 Additions, alterations or repairs.

Reference §70.101(e)(2)(A)

102.4 Additions, alterations or repairs. The provisions of the *International Existing Building Code* shall apply to all matters governing the repair, and alterations or additions of existing previously occupied industrialized buildings that are designed to be transported from one commercial site to another commercial site. ~~[Additions, alterations, renovations or repairs to installations shall conform to that required for new installations without requiring the existing installation to comply with all of the requirements of this code.]~~ Additions, alterations or repairs shall not cause an existing installation to become unsafe, hazardous or overloaded.

102.5 Change in occupancy.

Reference §70.101(e)(2)(B)

102.5 Change in occupancy. The provisions of the *International Existing Building Code* shall apply to all matters governing a change in the occupancy of existing previously occupied industrialized buildings that are designed to be transported from one commercial site to another commercial site. It shall be unlawful to make a change in the occupancy of a structure that will subject the structure to the special provisions of this code applicable to the new occupancy without approval. The code official shall certify that such structure meets the intent of the provisions of law governing building construction for the proposed new occupancy and that such change of occupancy does not result in any hazard to the public health, safety or welfare.

102.7 Moved buildings.

Reference §70.101(e)(2)(C)

102.7 Moved buildings. Moved industrialized buildings that bear approved certification decals or insignia, and that may also bear an alteration decal, in accordance with the requirements of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70, and that have not been altered or modified since the decal, insignia, or alteration decal was attached, shall be considered to be in compliance with the current mandatory building code adopted by the Texas Industrialized Building Code Council. ~~[Except as determined by Section 102.2, installations that are a part of buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new installations.]~~

102.8 Referenced codes and standards.

Reference §70.101(e)(2)(D)

102.8 Referenced codes and standards. The codes and standards referenced herein shall be those that are listed in Chapter 8 and such codes and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.8.1 and 102.8.2. Whenever amendments to the referenced codes have been adopted, each reference to said code shall be considered to reference the amendment as well.

Chapter 8 Referenced Standards

Reference §70.101(e)(3)

Revise the referenced standards as shown below.

ICC		International Code Council, Inc. 500 New Jersey Ave, NW 6th Floor Washington, DC 20001
Standard reference number	Title	Referenced in code section number
<u>IEBC-15</u>	<u>International Existing Building Code®</u>	<u>102.4, 102.5</u>

Reason: Adopts provisions of the TX IHB Law as part of the mandatory building code.

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**TDLR – Industrialized Housing and Buildings
Amendments to the 2015 International Mechanical Code (IMC)**

Reference Administrative Rule §70.101(f)

Effective August 1, 2017

101 General

101.1 Title.

Reference §70.101(f)(1)(A)

101.1 Title. These regulations shall be known as the Mechanical Code of the Texas Industrialized Housing and Buildings Program, hereinafter referred to as "this code."

101.2 Scope.

Reference §70.101(f)(1)(B)

101.2 Scope. This code shall regulate the design, installation, maintenance, *alteration* and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings. This code shall also regulate those mechanical systems, system components, *equipment* and appliances specifically addressed herein. The installation of fuel gas distribution piping and *equipment*, fuel gas-fired appliances and fuel gas-fired *appliance* venting systems shall be regulated by the *International Fuel Gas Code*. Where conflicts occur between the provisions of this code and the provisions of Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings, or the provisions of 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program, the provisions of Texas Occupations Code, Chapter 1202 and 16 Administrative Code, Chapter 70 shall control.

102 Applicability

102.4 Additions, alterations or repairs.

Reference §70.101(f)(2)(A)

102.4 Additions, alterations, or repairs. The provisions of the *International Existing Building Code* shall apply to all matters governing the repair, alterations or additions of existing previously occupied industrialized buildings that are designed to be transported from one commercial site to another commercial site. ~~[Additions, alterations, renovations or repairs to a mechanical system shall conform to that required for a new mechanical system without requiring the existing mechanical system to comply with all of the requirements of this code.]~~ Additions, alterations or repairs shall not cause an existing mechanical system to become unsafe, hazardous or overloaded.

102.5 Change in occupancy.

Reference §70.101(f)(2)(B)

102.5 Change in occupancy. The provisions of the *International Existing Building Code* shall apply to all matters governing a change in the occupancy of existing previously occupied industrialized buildings that are designed to be transported from one commercial site to another commercial site. It shall be unlawful to make a change in the occupancy of any structure which will subject the structure to any special provision of this code applicable to the new occupancy without approval. The code official shall certify that such structure meets the intent of the provisions of law governing building construction for the proposed new occupancy and that such change of occupancy does not result in any hazard to the public health, safety or welfare.

Reason: Adopts provisions of the TX IHB law as part of the mandatory building code.

102.7 Moved buildings.

Reference §70.101(f)(2)(C)

102.7 Moved buildings. Moved industrialized buildings that bear approved certification decals or insignia, and that may also bear an alteration decal, in accordance with the requirements of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70, and that have not been altered or modified since the decal, insignia, or alteration decal was attached, shall be considered to be in compliance with the current mandatory building code adopted by the Texas Industrialized Building Code Council. ~~[Except as determined by Section 102.2, mechanical systems that are a part of buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new installations.]~~

102.8 Referenced codes and standards.

Reference §70.101(f)(2)(D)

102.8 Referenced codes and standards. The codes and standards referenced herein shall be those that are listed in Chapter 15 and such codes and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.8.1 and 102.8.2. Whenever amendments to the referenced codes have been adopted, each reference to said code shall be considered to reference the amendment as well.

Chapter 15 Referenced Standards

Reference §70.101(f)(3)

Revise the referenced standards as shown in the table below.

ICC		International Code Council, Inc. 500 New Jersey Ave, NW 6th Floor Washington, DC 20001
Standard reference number	Title	Referenced in code section number
<u>IEBC-15</u>	<u>International Existing Building Code®</u>	<u>102.4, 102.5</u>

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**TDLR – Industrialized Housing and Buildings
Amendments to the 2015 International Plumbing Code (IPC)**

Reference Administrative Rule §70.101(g)

Effective August 1, 2017

101 General

Reference §70.101(g)(1)

101.1 Title.

Reference §70.101(g)(1)(A)

101.1 Title. These regulations shall be known as the Plumbing Code of the Texas Industrialized Housing and Buildings Program, hereinafter referred to as "this code."

101.2 Scope.

Reference §70.101(g)(1)(B)

101.2 Scope. The provisions of this code shall apply to the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing systems within this jurisdiction. This code shall regulate nonflammable medical gas, inhalation anesthetic, vacuum piping, nonmedical oxygen systems and sanitary and condensate vacuum collection systems. The installation of fuel gas distribution piping and equipment, fuel-gas-fired water heaters and water heater venting systems shall be regulated by the *International Fuel Gas Code*. Provisions in the appendices shall not apply unless specifically adopted. Where conflicts occur between the provisions of this code and the provisions of Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings, or the provisions of 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program, the provisions of Texas Occupations Code, Chapter 1202 and 16 Administrative Code, Chapter 70 shall control.

102 Applicability

Reference §70.101(g)(2)

102.4 Additions, alterations or repairs.

Reference §70.101(g)(2)(A)

102.4 Additions, alteration or repairs. The provisions of the *International Existing Building Code* shall apply to all matters governing the repair, and alterations or additions of existing previously occupied industrialized buildings that are designed to be transported from one commercial site to another commercial site. ~~[Additions, alterations, renovations or repairs to any plumbing system shall conform to that required for a new plumbing system without requiring the existing plumbing system to comply with~~

~~all the requirements of this code.]~~ Additions, alterations or repairs shall not cause an existing system to become unsafe, insanitary or overloaded.

102.5 Change in occupancy.

Reference §70.101(g)(2)(B)

102.5 Change in occupancy. The provisions of the *International Existing Building Code* shall apply to all matters governing a change in the occupancy of existing previously occupied industrialized buildings that are designed to be transported from one commercial site to another commercial site. It shall be unlawful to make any change in the *occupancy* of any structure that will subject the structure to any special provision of this code applicable to the new *occupancy* without approval of the code official. The code official shall certify that such structure meets the intent of the provisions of law governing building construction for the proposed new *occupancy* and that such change of *occupancy* does not result in any hazard to the public health, safety or welfare.

102.7 Moved buildings.

Reference §70.101(g)(2)(C)

102.7 Moved buildings. Moved industrialized buildings that bear approved certification decals or insignia, and that may also bear an alteration decal, in accordance with the requirements of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70, and that have not been altered or modified since the decal, insignia, or alteration decal was attached, shall be considered to be in compliance with the current mandatory building code adopted by the Texas Industrialized Building Code Council. ~~[Except as determined by Section 102.2, plumbing systems that are a part of buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new installations.]~~

102.8 Referenced codes and standards.

Reference §70.101(g)(2)(D)

102.8 Referenced codes and standards. The codes and standards referenced herein shall be those that are listed in Chapter 13 and such codes and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.8.1 and 102.8.2. Whenever amendments to the referenced codes have been adopted, each reference to said code shall be considered to reference the amendment as well.

403 Minimum Plumbing Facilities

Reference §70.101(g)(3)

403.5 Industrialized housing and buildings exceptions.

Reference §70.101(g)(3)(A)

403.5 Industrialized housing and buildings exceptions. Plumbing fixtures for industrialized buildings shall be provided as required by Table 403.1 except as allowed in Sections 403.5.1, 403.5.2 and 403.5.3.

403.5.1 Buildings that are not normally occupied.

Reference §70.101(g)(3)(B)

403.5.1 Buildings that are not normally occupied. Buildings, such as equipment or communication shelters, that are not normally occupied or that are only occupied to service equipment, shall not be required to provide plumbing facilities.

EXCEPTION: Buildings that are not normally occupied that are also classified as a Group H occupancy must be provided with plumbing facilities required for this type of occupancy such as requirements for emergency showers and eyewash stations.

403.5.2 Other industrialized buildings.

Reference §70.101(g)(3)(C)

403.5.2 Other industrialized buildings. All other industrialized buildings shall contain the minimum plumbing fixtures required in accordance with Table 403.1 unless the building is a non-site specific building and the plans and the data plate contains a special condition/limitation note that the minimum number of required fixtures shall be provided in another building located on the installation site with a path of travel that does not exceed a distance of 500 feet. The plumbing facilities must be accessible to the occupants of the industrialized building. Non-site specific buildings and special condition limitation notes shall be as defined in the 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program.

403.5.3 Requirements for service sinks for industrialized buildings.

Reference §70.101(g)(3)(D)

403.5.3 Requirements for service sinks for industrialized buildings. Commercial industrialized buildings with areas of less than or equal to 1,800 square feet shall not be required to contain a service sink provided that the building contains a lavatory and water closet that can be substituted for the service sink.

EXCEPTION: A building of less than 1,800 square feet in area without any plumbing facilities shall comply with section 403.5.2.

Chapter 13 Referenced Standards.

Reference §70.101(g)(4)

Revise the referenced standards as shown in the table below.

ICC		International Code Council, Inc. 500 New Jersey Ave, NW 6th Floor Washington, DC 20001
Standard reference number	Title	Referenced in code section number
<u>IEBC-15</u>	<u>International Existing Building Code®</u>	<u>102.4, 102.5</u>

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**TDLR – Industrialized Housing and Buildings
Amendments to the 2015 International Energy Conservation Code (IECC)**

Reference Administrative Rule §70.101(h)

Effective August 1, 2017

COMMERCIAL PROVISIONS

C101 Scope and General Requirements

Reference §70.101(h)(1)

C101.1 Title.

Reference §70.101(h)(1)(A)

C101.1 Title. These regulations shall be known as the Energy Conservation Code of the Texas Industrialized Housing and Buildings Program, hereinafter referred to as "this code." [~~This code shall be known as the International Energy Conservation Code of [NAME OF JURISDICTION], and shall be cited as such. It is referred to herein as "this code."~~]

C101.2 Scope.

Reference §70.101(h)(1)(B)

C101.2 Scope. This code applies to *commercial buildings* and the buildings' sites and associated systems and equipment. Where conflicts occur between the provisions of this code and the provisions of Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings, or the provisions of 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program, the provisions of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70 shall control.

C102 Alternate Materials – Method of Construction, Design or Insulating Systems.

Reference §70.101(h)(2)

C102.1 General. This code is not intended to prevent the use of any material, method of construction, design or insulating system not specifically prescribed herein, provided that such construction, design or insulating system has been *approved* by the *code official* as meeting the intent of this code.

C102.1.1. Above code programs. The *code official* or other authority having jurisdiction shall be permitted to deem a national, state or local energy efficiency program to exceed the energy efficiency required by this code. Buildings *approved* in writing by such an energy efficiency program shall be considered in compliance with this code. The requirements identified as "mandatory" in Chapter 4 shall be met.

C102.1.2 Compliance software tools.

Reference §70.101(h)(2)(A)

C102.1.2 Compliance software tools. The following software tools may be used to demonstrate energy code compliance for commercial buildings. The mandatory requirements of this code apply regardless of the software program that is used to demonstrate compliance.

1. The PLLN/DOE software programs COMcheck.
2. Software programs approved by the State Energy Conservation Office.
3. Other software programs if approved by the executive director or the Council.

C106 Referenced Standards

C106.1 Referenced codes and standards.

Reference §70.101(h)(3)

C106.1 Referenced codes and standards. The codes and standards referenced herein shall be those that are listed in Chapter 6 and such codes and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections C106.1.1 and C106.1.2. Whenever amendments to the referenced codes have been adopted, each reference to said code shall be considered to reference the amendment as well.

C401 General

C401.2.2 Buildings for state agencies and institutions of higher education.

Reference §70.101(h)(4)

C401.2.2 Buildings for state agencies and institutions of higher education. Buildings for state agencies and institutions of higher education shall comply with the energy standard adopted pursuant to Texas Government Code, §447.004 by the State Energy Conservation Office (SECO), and implementation through 34 Texas Administrative Code, Chapter 19, Subchapter C, Energy Conservation Design Standards.

C501 General

C501.7 Moved buildings.

Reference §70.101(h)(5)

C501.7 Moved buildings. Moved industrialized buildings that bear approved certification decals or insignia, and that may also bear an alteration decal, in accordance with the requirements of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70, and that have not been altered or modified since the decal, insignia, or alteration decal was attached, shall be considered to be in compliance with the current mandatory building code adopted by the Texas Industrialized Building Code Council.

Reason: Add new section that adopts provisions of the TX IHB Law as part of the mandatory building code.

Chapter C6 – Referenced Standards.

Reference §70.101(h)(6)(A)

Revise the referenced standards as shown in the table below.

<u>PNNL/DOE</u>		Pacific Northwest Laboratory/Department of Energy https://www.energycodes.gov/software-and-web-tools
Standard reference number	Title	Referenced in code section number
<u>COMcheck</u> Version 3.8.2 or later	<u>Commercial Energy Compliance Software</u>	<u>C102.1.2</u>

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**TDLR – Industrialized Housing and Buildings
Amendments to the 2015 International Energy Conservation Code (IECC)**

Reference Administrative Rule §70.101(h)

Effective August 1, 2017

RESIDENTIAL PROVISIONS

R101 Scope and General Requirements

Reference §70.101(h)(1)

R101.1 Title.

Reference §70.101(h)(1)(A)

R101.1 Title. These regulations shall be known as the Energy Conservation Code of the Texas Industrialized Housing and Buildings Program, hereinafter referred to as "this code." ~~[This code shall be known as the International Energy Conservation Code of [NAME OF JURISDICTION], and shall be cited as such. It is referred to herein as "this code."]~~

other International Codes

R101.2 Scope.

Reference §70.101(h)(1)(B)

R101.2 Scope. This code applies to *residential buildings* and the buildings' sites and associated systems and equipment. Where conflicts occur between the provisions of this code and the provisions of Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings, or the provisions of 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program, the provisions of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70 shall control.

R102 Alternative Materials, Design and Methods of Construction and Equipment

Reference §70.101(h)(2)

R102.1 General. This code is not intended to prevent the use of any material, method of construction, design or insulating system not specifically prescribed herein, provided that such construction, design or insulating system has been *approved* by the *code official* as meeting the intent of this code.

R102.1.1 Above code programs. The *code official* or other authority having jurisdiction shall be permitted to deem a national, state or local energy efficiency program to exceed the energy efficiency required by this code. Buildings *approved* in writing by such an energy efficiency program shall be considered in compliance with this code. The requirements identified as "mandatory" in Chapter 4 shall be met.

R102.1.2 Compliance software tools.

Reference §70.101(h)(2)(B)

R102.1.2 Compliance software tools. The following software tools may be used to demonstrate energy code compliance for commercial buildings. The mandatory requirements of this code apply regardless of the software program that is used to demonstrate compliance.

1. The PLLN/DOE software programs REScheck.
2. The Texas Energy Systems Laboratory International Code Compliance Calculator, ICCC.
3. Software programs approved by the State Energy Conservation Office.
4. Other software programs if approved by the executive director or the Council.

R106 Referenced Standards

R106.1 Referenced codes and standards.

Reference §70.101(h)(3)

R106.1 Referenced codes and standards. The codes and standards referenced herein shall be those that are listed in Chapter 5 and such codes and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections R106.1.1 and R106.1.2. Whenever amendments to the referenced codes have been adopted, each reference to said code shall be considered to reference the amendment as well.

Chapter R6 – Referenced Standards.

Reference §70.101(h)(6)(B) and (C)

Revise the referenced standards as shown in the table below.

<u>PNNL/DOE</u>		Pacific Northwest Laboratory/Department of Energy https://www.energycodes.gov/software-and-web-tools
Standard reference number	Title	Referenced in code section number
<u>REScheck Version 4.4.1 or later</u>	<u>Residential Energy Compliance Software</u>	<u>R102.1.2</u>

<u>Texas Energy Systems Laboratory</u>		<u>Texas Energy Systems Laboratory</u> <u>402 Harvey Mitchell Parkway South</u> <u>College Station, TX 77845-3581</u>
Standard reference number	Title	Referenced in code section number
<u>ICC, v 3.10 or later</u>	<u>International Code Compliance Calculator</u>	<u>R102.1.2</u>

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**TDLR – Industrialized Housing and Buildings
Amendments to the 2015 International Existing Building Code (IEBC)**

Reference Administrative Rule §70.101(i)

Draft May 26, 2016

101 General

101.1 Title.

Reference §70.101(i)(1)(A)

101.1 Title. These regulations shall be known as the Existing Building Code of the Texas Industrialized Housing and Buildings Program, hereinafter referred to as "this code."

Reason: To identify the mandatory building code for the TX IHB program.

101.2 Scope.

Reference §70.101(i)(1)(B)

101.2 Scope. The provisions of the International Existing Building Code shall apply to the repair, alteration, change of occupancy, addition to and relocation of existing buildings Where conflicts occur between the provisions of this code and the provisions of Texas Occupations Code, Chapter 1202, Industrialized Housing and Buildings, or the provisions of 16 Texas Administrative Code, Chapter 70, rules governing the Texas Industrialized Housing and Buildings Program, the provisions of Texas Occupations Code, Chapter 1202 and 16 Texas Administrative Code, Chapter 70 shall control.

Reason: To recognize that the IHB law and rules govern over the mandatory building code when provisions differ.

102 Applicability

102.4 Referenced codes and standards.

Reference §70.101(i)(2)(A)

102.4 Referenced codes and standards. The codes and standards referenced in this code shall be considered to be part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.4.1 through 102.4.3. [~~and 102.4.2.~~] Whenever amendments to the referenced codes have been adopted, each reference to said code shall be considered to reference the amendment as well.

102.4.3 Accessibility for existing buildings.

Reference §70.101(i)(2)(B)

102.4.3 Accessibility for existing buildings. Wherever reference elsewhere in this code is made to sections in Chapter 11 of the *International Building Code* or ICC A117.1, the *Texas Accessibility Standards* (TAS) of Texas Government Code, Chapter 469, Elimination of Architectural Barriers shall be substituted.

1401 General

1401.2 Applicability.

Reference §70.101(i)(4)

1401.2 Applicability. Structures existing prior to August 1, 2017, in which there is work involving additions, alterations or changes of occupancy shall be made to conform to the requirements of this chapter or the provisions of Chapters 5 through 13. The provisions of Sections 1401.2.1 through 1401.2.5 shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, I-2, M, R, and S. These provisions shall not apply to buildings with occupancies in Group H or I-1, I-3, or I-4.

Chapter 15 Referenced Standards

Reference §70.101(i)(5)(A) and (B)

ICC	International Code Council, Inc. 500 New Jersey Ave, NW 6th Floor Washington, DC 20001
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Standard reference number	Title	Referenced in code section number
ICC A117.1-03	[Guidelines for Accessible and Usable Buildings and Facilities]	[310.6, 310.8.2, 605.1, 605.1.2, 605.1.3]

TDLR	Texas Department of Licensing and Regulation P.O. Box 12157 Austin, TX 78711	
Standard reference number	Title	Referenced in code section number
TAS 2012 – effective March 2012	<u>Texas Accessibility Standards as adopted under 16 Texas Administrative Code, Chapter 68</u>	<u>102.4, 410.8.2, 410.8.3, 410.8.10, 705.1.2, 705.1.3</u>

**TDLR – Industrialized Housing and Buildings
Amendments to the 2014 National Electrical Code (NEC)**

Reference Administrative Rule §70.101(j)

Effective August 1, 2017

310 Conductors for General Wiring

310.1 Scope.

Reference rule §70.101(j) (1)

Article 310.1 Scope. This article covers general requirements for conductors and their type designations, insulations, markings, mechanical strengths, ampacity ratings, and uses. These requirements do not apply to conductors that form an integral part of equipment, such as motors, motor controllers, and similar equipment, or to conductors specifically provided for elsewhere in this *Code*. Aluminum and copper-clad aluminum shall not be used for branch circuits in buildings classified as a residential occupancy. Aluminum and copper-clad aluminum conductors, of size number 4 AWG or larger, may be used in branch circuits in buildings classified as occupancies other than residential.

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