

ORDINANCE NO.
AN ORDINANCE AMENDING TITLE 18 (BUILDING AND CONSTRUCTION),
CHAPTER 18.70 (ENERGY CONSERVATION CODE), ADOPTING THE 2021
INTERNATIONAL BUILDING CODE, AND ADOPTING APPROPRIATE LOCAL
AMENDMENTS, THE PENALTY BEING AS PROVIDED IN 18.02.111 OF THE EL PASO
CITY CODE

WHEREAS, the 2021 Edition of the International Building Codes has been published and adoption of the 2021 International Building Codes are now proposed; and

WHEREAS, the Building Official for the City of El Paso has reviewed and favorably recommends the adoption of the 2021 International Building Codes; together with the local amendments appropriate for the City of El Paso; and

WHEREAS, the City Council has deemed the proposed local amendments appropriate for the City of El Paso;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

SECTION 1. That Title 18 (Building and Construction), Chapter 18.70 (Energy Conservation Code) is hereby amended as follows:

Chapter 18.2870 – ENERGY CONSERVATION CODE

18.2780.010 Short title.

This chapter may be cited as the "Energy Conservation Code."
(Ord. No. 18513, § 1, 5-31-2016)

18.270.020 Adoption.

The book entitled "International Energy Conservation -Code," 2021 Edition, a copy of which authenticated by the city clerk is on file in the city clerk's office, is adopted as the Existing Building Code of the city, as fully as if copied at length in this chapter, but with the changes set forth in this chapter and Chapter 18.02, the Building and Administrative Code of the City of El Paso, in its entirety as fully as if copied in length in this chapter.

18.70.030 ~~Scope and Application.~~ ~~Administration (Commercial).~~ Reserved

18.70.040 ~~Administration and Enforcement.~~ ~~Definitions (Commercial)~~ Reserved

18.70.050 ~~Definitions~~ ~~General Requirements (Commercial)~~ Reserved.

**18.70.060 ~~General requirements~~ Section C402.6 Air Barrier Requirement,
Added Commercial Energy Efficiency.**

C402.6 Air barrier requirement. Insulation (including but not limited to loose fill, spray applied cellular fiber insulation as well as other blanket and batts insulation) installed in assemblies more than 60 degrees from the horizontal must be in substantial contact with an air barrier on all sides.

Exception: Air impermeable insulation. Air impermeable insulation is defined as:

A material having an air permeance equal to or less than 0.02 L/s-m² at 75 Pa pressure differential tested according to ASTM E2178 or E283.

18.70.070 ~~Commercial Energy Efficiency~~ Existing Buildings (Commercial).Reserved

18.70.080 ~~Existing Buildings~~ Referenced Standards (Commercial).Reserved.

18.70.090 Appendix CA Board of Appeals, Adopted.

18.70.0100 Appendix CB Adopted Solar Ready Zone, Adopted.

18.70.0110 Appendix CC Zero Energy Commercial Building, Adopted.

18.70.090120 ~~Scope and Application Administration (Residential).Reserved~~

18.70.100-130 ~~Administration and Enforcement. Definitions (Residential).Reserved~~

18.70.110-140 ~~Definitions. General Requirements (Residential).Reserved~~

**18.70.120-150 ~~General Requirements. Section R402.4.1.4 Air Leakage Required~~
Certifications, Added Residential Energy Efficiency—Amended.**

R402.4.1.4 Required Certifications. Air leakage testing shall be performed by a third party certified to perform air infiltration testing by a national or state organization approved by the *code official*. The third party shall not be employed by nor have a financial interest in the entity that constructs the building. Accepted certifications include RESNET Home Energy Rater and Home Field Inspector, Building Performance Institute Infiltration and Duct Leakage professional or Building Analyst certification, and others as approved by the city.

R402.4.1.5 Third Party Registration. Approved third party performing air infiltration testing shall be registered with the city.

**18.70.130-160 Section R403.3.8 - Chapter 4 [RE] Residential Energy Efficiency—
Amended. Existing Buildings (Residential). Duct leakage Required Certifications,
Added**

R403.3.86 paragraph 4, Required Certifications. Duct leakage testing shall be performed by an *approved* third party certified to perform duct leakage testing by a national or state organization approved by the code official. The approved third party shall not be employed by nor have a financial interest in the entity that constructs the building. Accepted certifications include RESNET Home Energy Rater and Home Field Inspector, Building Performance Institute Infiltration and Duct Leakage professional or Building Analyst certification and others as approved by the code official.

R403.3.89 Third Party Registration. *Approved* third party performing duct leakage testing shall be registered with the city.

~~**R402.4.1.3 Required Certifications.** Air leakage testing shall be performed by a third party certified to perform air infiltration testing by a national or state organization approved by the *code official*. The third party shall not be employed by nor have a financial interest in the entity that constructs the building. Accepted certifications include RESNET Home Energy Rater and Home Field Inspector, Building Performance Institute Infiltration and Duct Leakage professional or Building Analyst certification, and others as approved by the city.~~

~~**R402.4.1.4 (N1102.4.1.4) Third Party Registration.** Approved third party performing air infiltration testing shall be registered with the city.~~

~~**C402.6 Air barrier requirement.** Insulation (including but not limited to loose fill, spray applied cellular fiber insulation as well as other blanket and batts insulation) installed in assemblies more than 60 degrees from the horizontal must be in substantial contact with an air barrier on all sides.~~

~~**Exception:** Air impermeable insulation. Air impermeable insulation is defined as:~~

~~A material having an air permeance equal to or less than 0.02 L/s-m² at 75 Pa pressure differential tested according to ASTM E2178 or E283.~~

~~**R403.3.4 paragraph 3, Required Certifications.** Duct leakage testing shall be performed by an *approved* third party certified to perform duct leakage testing by a national or state organization approved by the code official. The approved third party shall not be employed by nor have a financial interest in the entity that constructs the building. Accepted certifications include RESNET Home Energy Rater and Home Field Inspector, Building Performance Institute Infiltration and Duct Leakage professional or Building Analyst certification and others as approved by the code official.~~

~~**R403.3.6 Third Party Registration.** *Approved* third party performing duct leakage testing shall be registered with the *code official*.~~

18.70.140-170 Existing Buildings. Referenced Standards (Residential). Reserved

18.70.150-180 Appendix RA Board of Appeals, Adopted.

18.70.160-190 Appendix RB Solar Ready Provisions – Detached One- and Two-Family Dwellings and Townhouses, Adopted.

18.70.200 Appendix RC Zero Energy Residential Buildings, Adopted.

18.70.210 Conflicting ordinances.

All ordinances and parts of ordinances in conflict with the provisions of this chapter are hereby repealed.

SECTION 2. That except as herein amended, Title 18 (Building and Construction), Chapter 18.70 (Energy Conservation Code) of the El Paso City Code shall remain in full force and effect.