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 THERFORE, 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, AddedCommercial 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.**

18.70.100 **Appendix CB AdoptedSolar Ready Zone, Adopted.**

18.70.110 **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, AddedResidential 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.
R403.3.86 **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 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 **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 **Reserved**

18.70.150-180 **Appendix RA Board of Appeals, 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.