

City of Tucson Amendments to the 2018 International Energy Conservation Code

Chapter 1 [CE] SCOPE AND ADMINISTRATION. REVISE Chapter by DELETING PART 2 – ADMINISTRATION AND ENFORCEMENT. (Deleted sections are administered by 2018 IBC, Chapter 1)

Section C101.1 Title. Insert:[NAME OF JURISDICTION] as “City of Tucson”.

Section C102.1.1 Above code programs. REVISE Section by ADDING the following at the end of the paragraph:

Compliance with the Net-Zero Energy Standard shall be deemed to comply with this code.

Section C402.1.1 Low-energy buildings. REVISE Section by ADDING item 4 as follows:

4. Structures not intended for public occupancy that have openings in the thermal envelope during business operations and do not utilize air conditioning such as repair garages, fabrication shops, warehouses, or similar facilities.

Section C403.1.1 Calculations of heating and cooling loads. REVISE Section by ADDING the following at the end of the paragraph:

Not required for emergency replacement of cooling and heating equipment where there are no alterations, additions, or changes of occupancy, the equipment does not increase in capacity, and the equipment was installed prior to January 1, 2013.

Chapter 1 [RE] SCOPE AND ADMINISTRATION. REVISE Chapter by DELETING PART 2—ADMINISTRATION AND ENFORCEMENT. (Deleted sections are administered by 2018 IBC, Chapter 1)

Section R101.1 Title. Insert:[NAME OF JURISDICTION] as “City of Tucson”.

Section R102.1.1 Above code programs. REVISE Section by ADDING the following at the end of the paragraph:

Compliance with the Net-Zero Energy Standard shall be deemed to comply with this code.

ADD new Section R302.2 to read:

Section R302.2 Exterior design conditions. Exterior design conditions shall be determined by Table R302.1.

Table R302.1

EXTERIOR DESIGN CONDITIONS

City of Tucson, Arizona		
CONDITION		
Winter	Design Dry Bulb Temp	32° F
Summer	Design Dry Bulb Temp	105° F
	Design Wet Bulb Temp	66° F
Climate zone		2B

Table R402.1.4 Equivalent U-FACTORS. REVISE the Section by ADDING the following footnote d:

In climate zone 2, an un-insulated earth mass wall with a maximum U-factor of 0.14 shall be deemed in compliance (for computing the U-factor, an R value of 0.3 per inch shall be used for adobe and rammed earth).

Section R402.4.1.2 Testing. REVISE Section by DELETING the third sentence which reads “Where required by the *code official*, testing shall be conducted by an *approved* third party” and REPLACING with the following:

Testing shall be conducted by individuals holding current certification for such testing from Residential Energy Services Network (RESNET), Building Performance Institute (BPI) or other *approved* agencies.