



THE CITY OF ODESSA IS CHANGING FROM THE 2012 TO THE 2018 INTERNATIONAL CODES, EFFECTIVE JULY 1, 2018

To: Odessa Citizens, Businesses, and Construction Professionals

From: Sammy Quiroz, Building Official

Date: February 13, 2018

Re: Adoption of the 2018 International Codes

The City of Odessa has adopted the 2018 International Building Codes, 2017 National Electric Code and local amendments, to be effective July 1, 2018. The following pages contain a summary of changes of the International Mechanical Code. Local amendments will be posted on the City of Odessa Website. All permit applications submitted prior to July 1, 2018 will be reviewed and inspected under the 2012 Codes. Feel free to contact Building Inspections if you have any questions.

Adopted Codes

2018 International Building Code

2018 International Existing Building Code

2018 International Residential Code

2018 International Energy Conservation Code

2018 International Property Maintenance Code

2018 International Mechanical Code

2018 International Plumbing Code

2018 International Fuel Gas Code

2017 National Electric Code



2018 International Mechanical Code

Significant Code Changes: 2018 International Mechanical Code

- 403.3.2.4 There is a new requirement for labeling of controls for whole-house (dwelling) ventilation systems.
- 403.3.2.5 A new requirement was added for the testing of exhaust fans for dwelling units.
- 404.1 The code text was rewritten to clarify the intent with regard to “intermittent” Operation.
- 504.4 The code now speaks to the sealing of clothes dryer exhaust ducts.
- 504.4.1 The code now addresses the required size of dryer exhaust duct terminals.
- 504.8.2 The code now addresses the installation of clothes dryer exhaust ducts in wall and ceiling cavities.
- 506.3.13 the intent was clarified regarding clearance to openings to prevent other requirements from being over looked.
- 506.5.2 The code added coverage and a definition for pollution control units which are installed in the grease exhaust system to extract smoke, grease particles and odors from the exhaust flow.
- 507.2.6 A new exception was added to recognize Type I hoods that are listed for clearances to combustibles of not less than 18 inches.
- 602.2.1.8 A new code section specifically addresses duct and pipe insulation in plenums.
- 603.5.2 The code added coverage for newer type of nonmetallic phenolic duct.
- 603.8.2 The code now addresses the testing of underground ducts.
- 603.9 The code is less restrictive for snap and button lock duct joints that are located within the thermal envelope.
- 607.3.1 The code mandates dynamic-type ceiling radiation dampers where subject to continuous air flow from HVAC fans.
- 929 The code added coverage for HVLD fans.



THE CITY OF ODESSA IS CHANGING FROM THE 2012 TO THE 2018 INTERNATIONAL CODES, EFFECTIVE JULY 1, 2018

- 1105.6.3 An important clarification was added regarding the ventilation rate required for ammonia systems, thereby resolving an interpretation issue.
- 1107.2 This code section was rewritten to clearly state the intent regarding the prohibited locations for refrigerant piping.
- Chapter 14 This chapter was substantially rewritten for consistency with current technology.