

**THE CITY OF NORTH KANSAS CITY BUILDING AND CONSTRUCTION CODE UPDATE**  
**FROM THE 2012 TO THE 2018 INTERNATIONAL CODES, EFFECTIVE JULY 1, 2018**  
**SIGNIFICANT CODE CHANGES**  
**International Mechanical Code**

Chapter 4 Ventilation:

- 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.

Chapter 5 Exhaust Systems:

- 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.

Chapter 6 Duct Systems:

- 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.

## Chapter 9 Specific Appliances, Fireplaces and Solid Fuel-Burning Equipment:

- 929 The code added coverage for HVLD fans.

## Chapter 11 Refrigeration:

- 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 Solar Systems:

- Chapter 14 This chapter was substantially rewritten for consistency with current technology.