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## Wichita-Sedgwick County Metropolitan Area Building and Construction Department

### **Attention Contractors:**

There are several important changes that we all need to be aware of with the adoption of the 2018 International Mechanical Code (IMC) along with the Wichita-Sedgwick County Unified Building and Trade Code

**Chapter 2 (IMC): Section 202. – Definition Commercial Cooking Appliance.** The definition was rewritten to capture the true intent, eliminate confusion, and eliminate a laundry list of appliances.

**Chapter 3 (IMC): Section 303.7 – Pit Locations.** The requirements for appliance installation in pits has been expanded to provide more detail and to be similar to language found in other ICC codes. The minimum bottom clearance has been reduced from 6 inches to three inches.

**Chapter 4 (IMC): Section 403.3.2.4 – System Controls.** Where provided within a dwelling unit, controls for outdoor air ventilation systems shall include text or a symbol indicating the system's function.

**Chapter 5 (IMC): Section 504.4.1 – Dryer Exhaust Termination.** The passageway for dryer exhaust terminals shall be undiminished in size and shall provide an open area of not less than 12.5 square inches.

**Chapter 5 (IMC): Section 506.5.2 – Pollution Control Units.** 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.

**Chapter 6 (IMC): Section 602.2.1.8 – Pipe and Duct Insulation within Plenums.** A new section specifically addresses duct and pipe insulation in return air plenums. Although materials were covered in general under 602.2.1, there was no subsection to specifically address duct and pipe insulation on the exterior of ducts and pipes located within plenums.

**Chapter 6 (IMC): Section 603.5.2 – Phenolic Ducts.** The code added coverage for a newer type of non-metallic phenolic duct. \*Must meet SMACNA standards and tested to UL 181 or ASTM E84.\*

**Chapter 9 (IMC): Section 929 – HVLD Fans.** The code added coverage for (HVLD)- high-volume large-diameter fans.\*Shall be tested in accordance with AMCA 230, listed & labeled in accordance with UL 507.\*

**Chapter 11 (IMC): Section 1105.6.3 – Ammonia System Ventilation Rate.** References IAR2 which requires outdoor ventilation air for the occupants of machinery rooms and requires exhaust ventilation for room temperature control and emergency ventilation activated by manual control and ammonia leak detection.

**This is not a complete list of all the changes, but a list of highlights that will affect the HVAC industry.**