Welcome to the PMG Educational Program

Sponsored by:

2018 IMC and IFGC Significant Changes

Based on the
2018 International Mechanical Code®, (IMC®)
2018 International Fuel Gas Code®, (IFGC®)

Course Icons

Addition  Deletion  Modification  Clarification

2018 International Mechanical Code®, IMC®
Chapter 2
Definitions

Section 202
COMMERCIAL COOKING APPLIANCES. Appliances used in a commercial food service establishment for heating or cooking food and which produce grease vapors, steam, fumes, smoke or odors that are required to be removed through a local exhaust ventilation system. Such appliances include deep fat fryers; upright broilers; griddles; broilers; steam-jacketed kettles; hot-top ranges; under-fired broilers (charbroilers); ovens; barbecues; rotisseries; and similar appliances. For the purpose of this definition, a food service establishment shall include any building or a portion thereof used for the preparation and serving of food.

Section 202 – 2018 IMC
COMMERCIAL COOKING APPLIANCES. Appliances used in a commercial food service establishment for heating or cooking food. For the purpose of this definition, a commercial food service establishment is where food is prepared for sale or is prepared on a scale that is by volume and frequency not representative of domestic household cooking.
Chapter 4
Ventilation

403.3.2.4 System Controls

403.3.2.5 Ventilating Equipment

404.1 Enclosed Parking Garages
Chapter 5
Exhaust Systems

504.4 Exhaust Installation

504.4.1 Exhaust Termination
Outlet and Passageway Size

504.8.2 Duct Installation
506.3.13 Termination Through an Exterior Wall, Termination Location

506.5.2 Pollution-Control Units

507.2.6 Clearances for Type I Hood

Chapter 6
Duct Systems
1105.6.3 Ventilation Rate

1107.2 Piping Location

Chapter 14 Solar Thermal Systems

Chapter 14
Solar Thermal Systems
Chapter 3
General Regulations

303.3 Prohibited Locations #6

310.2 CSST
310.2.3 Bonding Jumper Length

310.3 Arc-resistant CSST

Chapter 4

Gas Piping Installations

403.4.2 Steel and 403.10 Pipe Joints

Press-connect fitting

Schedule 10 steel pipe

Press-connect fittings use gaskets and special equipment to join steel gas piping
Section 404.11.1-4 Protection Against Corrosion

404.14 Piping Underground Beneath Buildings

409.5.1 Located within same room

409.7 Shutoff Valves in Tubing Systems
Chapter 5

Chimney and Vents

Section 503.4.1 Plastic Piping, 503.4.1.1 Plastic Vent Joints and 503.4.2 Special Gas Vent

503.8 #2 and #3 and Table 503.8

<table>
<thead>
<tr>
<th>DIRECT VENT APPLIANCE INPUT RATING (Btu/h)</th>
<th>THROUGH-THE-WALL TERMINATION CLEARANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>80,000</td>
<td>6</td>
</tr>
<tr>
<td>80,000 - 50,000</td>
<td>9</td>
</tr>
<tr>
<td>&gt; 50,000 - 150,000</td>
<td>12</td>
</tr>
<tr>
<td>&gt; 150,000</td>
<td>In accordance with the appliance manufacturer’s instructions and not less than the clearances specified in Section 503.8, Item 2</td>
</tr>
</tbody>
</table>

For Sk: 1 inch = 25.4 mm, 1 Btu/h = 0.2931 W.
Discussion Activity

Final Reflection

• This slide will help the learner to reflect on the day and what they will take back to the job and apply.
• What? What happened and what was observed in the training?
• So what? What did you learn? What difference did this training make?
• Now what? How will you do things differently back on the job as a result of this training?

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