

1 Exam Prep

International Fuel Gas Code, 2015

Tabs and Highlights

These 1 Exam Prep Tabs are based on the *International Fuel Gas Code-2015 Edition*.

Each Tabs sheet has five rows of tabs. Start with the first tab at the first row at the top of the page, and proceed down that row placing the tabs at the locations listed below. Place each tab in your book setting it down one notch until you get to the bottom of the page, and then start back at the top again. After you have completed tabbing your book (the last tab is usually the glossary, appendix, or index), then you may start highlighting your book.

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******This concludes the tabs for this book. Please continue with the highlights on the following page.******

<u>Section #</u>	<u>Highlight</u>
101	Chapter 1: Scope Administration
101.2	Scope. Highlight entire paragraph, including exceptions
102	Applicability
102.1	General. Specific requirement shall be applicable ... the most restrictive shall govern.
102.10	Other Laws. IBC does not nullify local, state, or federal law.
106	Permits
106.1	Where Required. shall first make application to the building official and obtain the permit required.
106.1.1	Annual permit: The code official is authorized to issue an annual permit upon ... owned or operated by the applicant for the permit.
106.2	Permits not required: Permits shall not be required for the following: 1 – 2.
106.3.1	Construction documents
106.3.2	Time limitation of application: An application for a permit ... not exceeding 180 days each.
106.5.1	Approval of construction documents
106.5.2	Validity
106.5.8	Posting of permit: Entire paragraph
106.6	Fees
106.6.1	Work commencing before permit issuance: Entire paragraph
107	Inspections and Testing
107.2	Required inspections and testing: The holder of the permit shall be responsible for scheduling such inspections: 1-3.
109	Means of Appeal
109.1	Application for Appeal: The application shall be filed on a form ... within 20 days after the notice was served.
202	Definitions: - Boiler, Low-pressure - Brazing - Combustion air - Damper - Flashback arrestor check valve

<u>Section #</u>	<u>Highlight</u>
	<ul style="list-style-type: none"> - Fuel gas - Liquefied petroleum gas - Regulator - Specific gravity
302	Structural Safety
302.3.2	Joist notching and boring: Holes bored in joists shall not be within 2 inches ... middle one-third of the span.
304	Combustion, Ventilation, and Dilution Air
304.5.3	Indoor opening size and location
304.5.3.1	Combing spaces on the same story: Each opening shall have a minimum free ... 100 square inches.
304.6	Outdoor combustion air: The minimum dimension of air openings shall not be less than 3 inches.
305	Installation
305.3	Elevation of ignition source: Equipment and appliances having an ignition source ... motor fuel-dispensing facilities and parking garages.
308	Clearance Reduction
Table 308.2	Reduction of Clearances with Specified Forms of Protection Note: Type of Protection – left column Initial required Clearance / Clearance Reduction – Right side Match type of Protection with initial required clearance to find Reduced Clearance.
401.2	Liquefied petroleum gas storage: The storage system for liquefied petroleum ... International Fire Code and NFPA 58.
402	Pipe Sizing
403	Piping Materials
403.4.1	Cast iron: Cast-iron pipe shall not be used.
404	Piping System Installation
404.6	Underground penetrations prohibited: Gas piping shall not penetrate building foundation walls ... the pipe and the wall shall be sealed.
405	Piping Bends and Changes In Direction
405.2	Metallic pipe: 4. Pipe shall bends shall comply with the following: 1 -5.

<u>Section #</u>	<u>Highlight</u>
406	Inspection, Testing, and Purging
406.2	Test medium: The test medium shall be air, ... Oxygen shall not be used.
408	Drips and Sloped Piping
408.4	Sediment trap: Where sediment trap is not incorporated as part of the appliance ... to the inlet of the appliance as practical.
410	Flow Controls
410.2	MP Regulators: Mp pressure regulators shall comply with the following: 6. A tee fitting with one opening capped ... pressure measuring instrument.
411	Appliance and Manufactured Home Connections
411.1.3.1	Maximum length: Connectors shall have an overall length not to exceed 6 feet.
415	Piping Support Intervals
Table 415.1	Supporting of Piping: <ul style="list-style-type: none"> - 1st Column: Pipe Size - 2nd Column: Spacing of supports - 3rd Column: Tubing size - 4th Column: Spacing of Supports
501.9	Chimney entrance: Connectors shall connect to a masonry chimney ... lowest portion of the interior of the chimney flue.
503	Venting of Appliances
503.3.5	Air ducts and furnace plenums: Venting systems shall not extend into ... or furnace plenum.
504	Sizing of Category I Appliance Venting Systems
Table 504.2(1)	Type Double-Wall Gas Vent <ul style="list-style-type: none"> - 1st Column: Vent height - 2nd Column: Vent Run - Top Row: Vent Size - First Sub-column: Fan assisted - 2nd Sub-column: Natural draft
612	Recirculating Direct-Fired Industrial Air Heaters
612.7	Relief opening: Relief openings shall be permitted to be used ... full open position prior to main burner operation.
614	Clothes Dryer Exhaust
614.8.3	Transition ducts: Transition ducts shall not be more than 8 feet.

<u>Section #</u>	<u>Highlight</u>
Table 614.8.5	Length identification: Where the exhaust duct equivalent length exceeds 35 feet ... within 6 feet of the exhaust duct connection.
618	Forced-Warm-Air Furnaces
618.4	Prohibited Sources: Outdoor or return air for a forced-air heating and cooling system shall not be taken from the following locations: 1. Closer than 10 feet from an appliance ... unless the outlet is 3 feet above the outside air inlet.
620	Unit Heaters
620.4	Clearance: Suspended-type unit heaters shall ... 12 inches at the bottom and 6 inches above the top.
621	Unvented Room Heaters
621.6	Oxygen-depletion safety system: Unvented room heaters shall be equipped with an oxygen depletion-sensitive safety shutoff system.
623	Cooking Appliances
623.5.1	Clearances: A minimum clearance of 24 inches shall be maintained ... above the hood.
704	Piping, Use and Handling
704.1.2.3	Piping Design and Construction: Piping tubing and materials shall be 300 series stainless steel ... to which they will be subjected.
704.1.2.3.1	Prohibited locations: Entire paragraph.
A.1	General Piping Considerations: To determine the size of piping used in gas piping systems, the following factors must be considered: 1 -5.