

Certification: Fuel Gas Inspector

Exam ID: FG



- 60 multiple-choice questions
- 2-hour limit
- Open book

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| 01 | General Requirements and Administration | 27% |
| 0101 | <u>Authority of Inspector</u> Verify extent of authority of the inspector, including right of entry and disconnection of service utilities. | 3% |
| 0102 | <u>Permitting and Documentation</u> Verify proper permitting and project documentation. | 3% |
| 0103 | <u>Clearance</u> Verify clearance to combustibles of as well as access to and labeling of: appliances, equipment, chimneys, vents, and connectors. | 8% |
| 0104 | <u>Guards</u> Confirm that location and guards are correct and installed per requirements and listing conditions. | 10% |
| 0106 | <u>Clearance Reduction Method</u> Verify clearance reduction method. | 3% |
| 02 | Inspection and Testing | 7% |
| 0201 | <u>Procedures</u> Verify test and detection procedures and durations. | 4% |
| 0202 | <u>Purging</u> Verify purging. | 3% |
| 03 | Venting Materials, Installation, and Sizing | 17% |
| 0301 | <u>Materials</u> Identify proper venting materials. | 3% |
| 0302 | <u>Installation</u> Verify installation of venting and connectors. | 7% |
| 0303 | <u>Sizing</u> Verify vent and connector sizing. | 7% |

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| 04 | Piping Systems, Materials, Installation, and Sizing | 22% |
| 0401 | <u>Materials</u> Verify proper piping materials and identification. | 3% |
| 0402 | <u>Installation</u> Verify proper installation of gas piping, including underground piping systems, support, protection, fittings, valves, and appliance connectors. | 9% |
| 0403 | <u>Pressure and Flow Control</u> Identify working pressure and flow control, including regulator venting. | 3% |
| 0404 | <u>Sizing</u> Verify proper gas pipe sizing. | 7% |
| 05 | Combustion Air | 20% |
| 0501 | <u>Volume</u> Verify minimum required indoor volume for use of combustion air. | 3% |
| 0502 | <u>Openings</u> Determine opening sizes and locations to connect indoor spaces. | 3% |
| 0503 | <u>Sizing - Combustion Air</u> Verify combustion air sizing and ducts. | 7% |
| 0504 | <u>Sizing - Exterior Openings</u> Determine exterior opening sizes and locations. | 7% |
| 06 | Types of Gas and Specialty Gas Systems | 7% |
| 0601 | <u>Installation - Gas Systems</u> Verify installation of piping, tanks, cylinders, and containers for gas systems, and conditions for conversion of fuel source. | 3% |
| 0602 | <u>Installation - Specialty Systems</u> Verify installation and testing of generation, collection, distribution, and venting systems for specialty gases such as hydrogen and compressed natural gas. | 4% |