

FUEL GAS EQUIPMENT INSTALLERS LICENSE

40 HOUR Classroom requirements consisting of an **Equipment Installation and Venting Course** combined with a minimum of 1000 hours of field experience (approximately 6 months) plus the Gas Piping Installer license requirements to become licensed as a New Hampshire Gas Equipment Installer. (EIN/EIP License)

This class qualifies you to install piping systems for both Natural and LP Gases. *See below for regulations*

WHAT IS COVERED?

Total time = 40 hours

Total time with GPI = 100 hours

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| Equipment Application | Inspection of Existing Systems | Chimney Liners |
| Installation Practices | Equipment Set-up and Check Out | High Efficiency Vents |
| Choosing the Right Equipment | Appliance Categories for Venting | Vent Terminations |
| Manufacturer's Installation Instruction | Gas Equipment Venting | Sizing Gas Vents |
| Clearances to combustibles | Chimneys | Applications for Sizing Gas Vents |
| Equipment Specifics | B Vents | Chimney Inspections |

STATE OF NEW HAMPSHIRE GAS LICENSING REQUIREMENTS

Saf-Mec 305.03 Eligibility Requirements for Initial Individual Fuel Gas Fitting Licensure as a Fuel Gas Installation Technician

- a) A fuel gas installation technician specialty license shall be provided to any individual engaged in the installation of propane and natural gas piping from the point of delivery to the appliance(s) and /or the installation of gas appliances and any other gas utilization equipment using liquefied petroleum gas.
- b) To qualify for a fuel gas installation technician specialty license, an individual shall demonstrate the following:
 - (1) A minimum of 100 hours of educational training in the following subject matter:
 - a. Basic gas theory involving a thorough understanding of the physical properties and characteristics of propane and natural gas;
 - b. Reading and interpretation of fuel gas piping and drawings;
 - c. Determining proper fuel gas piping systems using appropriate sizing tables and charts;
 - d. Piping installation involving review of gas pipe sizing, gas pipe material selection, proper installation of underground and above ground fuel gas piping supply and distribution systems, placing a fuel gas system in service including purging, initial pressure testing and leak check of gas distribution piping and appliances;

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(Subject matter continued)

- e. The documentation of fuel gas piping system pressure testing, leak checking including customer notification as to the safety procedures and recognition of fuel gas odors;
 - f. Liquefied propane and natural gas appliances installation including clearance to combustibles, combustion, dilution, and ventilation air requirements are properly sized; and
 - g. Liquefied propane and natural gas appliance venting, venting categories, selection and use of proper venting materials, vent sizing and clearances and installation; and
 - h. Placing propane and natural gas appliances equipment into service while controlling propane/air mixtures for proper combustion;
 - i. Verification for proper operation of safety controls and devices
 - j. The proper utilization of combustion analyzing equipment with respect to applicable codes and manufacturer's installations;
 - k. The application of NFPA 54, National Fuel Gas Code, and NFPA 58 the Liquefied Petroleum Gas Code above; and
- (2) A minimum of 1,000 working hours of on-the-job experience in the trade or its equivalent in an approved educational setting as defined in Saf – 303.18, relevant to the installation of gas piping and the installation of fuel gas appliances or fuel gas utilization equipment within 60 consecutive months, 500 hours of which may be applied if the applicant can demonstrate proof of relevant field experience installing, servicing and repairing heating oil fired equipment.
- c) Notwithstanding any rule to the contrary, an individual who is holding a gas piping installer's license pursuant of Saf-Mec 305.02 wishing to ascend to this licensing level shall demonstrate:
- (1) Successful completion of a formal educational program of at least 40 hours approved pursuant to the subject matter prescribed by Saf – Mec 305.02 (b)(1) f. through k, above; and
 - (2) A minimum of 1,000 working hours of on-the-job experience in the trade or its equivalent in an approved educational setting as defined in Saf – 303.18, relevant to the installation of gas piping and the installation of fuel gas appliances or fuel gas utilization equipment within 60 consecutive months, 500 hours of which may be applied if the applicant can demonstrate proof of relevant field experience installing, servicing and repairing heating oil fired equipment.