

FUEL GAS PIPING INSTALLERS LICENSE

60 HOUR Classroom requirements consisting of a **Basic Theory and Piping Course** combined with a minimum of 1000 hours of field experience (approximately 6 months) to become licensed as a New Hampshire Gas Piping Installer. (GPI License)

This class is not a hands-on course.

Prerequisites for this course:

Gas Trainee Card or NH Plumbing License

WHAT IS COVERED?

Total time = 60 hours

Classification of Gases	Piping installation Plan	
Properties of Gases	Preparing a Plan	Proper Bonding of Gas Piping
Fuel Gases	Methods for Sizing Gas Piping	
Gas Flames	Sizing of Gas Piping Systems	Piping Underground
Gas Combustion	System Operating Pressure	Piping in Partitions
Gas Safety	Piping Materials & Selection of Proper Materials	Pressure Testing & Inspection
Gas System Pressures	Methods of Piping Assembly	Proper Purging of Piping Systems
Gas Pressure Regulators	Pipe Hangers & Supports	

STATE OF NEW HAMPSHIRE GAS LICENSING REQUIREMENTS

Mec 305.02 Eligibility Requirements for Initial Individual Fuel Gas Fitter Licensure as a Fuel Gas Piping Installer.

- (a) A fuel gas piping installer specialty license shall be provided to individuals who:
- (1) Are engaged in the installation of liquefied propane gas or natural gas piping;
 - (2) Are licensed as a New Hampshire plumber, approved by the board through affidavit, experience, and education or training in the use of NFPA 54, national fuel gas code as adopted pursuant to RSA 153:5 in the state fire code, as defined in RSA 153:27, VI; and

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- (3) Install propane and natural gas piping from the outlet of the first stage regulator for liquefied propane, or the outlet of the natural gas meter, which shall be the point of delivery, to any and all fuel gas appliance(s) or other gas utilization equipment, including any and all future portions of the gas distribution system located therein.
- (b) To qualify for a fuel gas piping installer license, an individual shall provide the following:
 - (1) Proof of successful completion of a minimum of 60 hours of educational training which covers 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 plans 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;
 - 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; and
 - f. The application of laws, regulations, and adopted codes pertaining to fuel gas piping installation and licensing; 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 Mec 301.01, relevant to the installation of gas piping 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, a NH licensed plumber who demonstrates that they are licensed in good standing, shall be qualified for a fuel gas piping installer license once they demonstrate successful completion of (b)(1) above.

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STATE OF NEW HAMPSHIRE GAS LICENSING CHECK LIST:

- Check, Money order made out to "State of NH - Treasurer"
- If you answered "yes" to question 1 on the application please attach a copy of your criminal record.
- Must provide an email address
- Proof of Identification (Copy of one)
 - State ID
 - Non - Driver ID
 - Passport
 - Other government ID Name date of birth facial features
- Copy of current/valid NH fuel gas trainee license; or
- If applicable a copy of licensure from an out of state licensing agency in which proof can be demonstrated that the applicant's license meets or exceeds the minimum qualifications for the licensing endorsement applied for; and
- If out of state license is held we will need a letter of good standing from state the license is held in if you cannot provide a letter from a NH licensed gas fitter.
- One letter signed and written by a licensed gas fitter with their license number who was supervising, sponsoring or directing the applicant's fuel gas fitting training and development during the applicant's service or employment stating that the applicant meets the minimum competency requirements for the licensing endorsement being applied for.
- Proof of hours of field experience affidavit signed by the licensee and sponsor/supervisor.
- Proof of completion of education by board approved school.
- **For those who attend NH School of Mechanical Trades you will need copies of your exam results.**