

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

WHAT IS COVERED?

Total time = 60 hours

Classification of Gases	Piping installation Plan	CSST – Corrugated Stainless Steel Gas Pipe
Properties of Gases	Preparing a Plan	Proper Bonding of Gas Piping
Fuel Gases	Methods for Sizing Gas Piping	Connections of Gas Appliances & Equipment
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

Saf-Mec. 305.02 Eligibility Requirements for Initial Individual Fuel Gas Fitting Licensure as a Piping Installer.

- a) A piping installer specialty license shall be provided to individuals who 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 gas piping installer license, an individual shall demonstrate the following:
 - (1) 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;

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(Subject matter continued)

- 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;
 - f. 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 on an approved educational setting as defined in Saf-Mec 303.18, 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 he or she is licensed in good standing, shall be qualified for a gas installer license once he or she demonstrates successful completion of (b) (1) above.