

Propane & Natural Gas: Appliance Connection & Service

This course is designed to train: installation and service personnel, sales personnel, managers and supervisors on the required components to install and service gas/propane appliances. This course encompasses CETP Sections 4.2, 4.3, 4.4, 4.5 & 4.6 and the Maine Natural Gas Supplement. Successful completion of this course and exams will help students achieve the State of Maine Propane & Natural Gas Technician - Appliance Connection and Service Technician authority

Audience

PNG1 020 Propane & Natural Gas: Appliance Connection and Service Technician

This course is designed to train: installation and service personnel, sales personnel, managers and supervisors on the required components to install and service gas/propane appliances. Employees throughout the propane industry will also find this training useful.

Course Code	Course Name	Contact Hours
PNG1 020	Propane & Natural Gas: Appliance Connection and Service	84

Course Description

PNG1 020 Propane & Natural Gas: Appliance Connection and Service

This course encompasses sections, CETP 4.2, 4.3, 4.4, 4.5, 4.6 & FGT 1.1 (Maine Natural Gas Supplement).

CETP Section 4.2 “Placing Vapor Distribution Systems and Appliances into Operation” focuses primarily on the procedure of placing a vapor distribution system into operation and addresses the different system tests required for vapor distribution systems and appliances; validating the container, piping, and regulator; how and when to make the final connections; how to purge the system of air, appliance controls and safety devices; and how to adjust the burner.

CETP Section 4.3- “Installing Appliances and Interior Vapor Distribution Systems” focuses primarily on interior of a piping system as well as the installation of gas appliances. It also addresses how to select and install appliances, design and install interior venting systems, and design and install interior piping and tubing, as well as how to perform a pressure test.

CETP Section 4.4 – “Basic Electricity for Propane Appliance Service” focuses on basic electricity as it relates to basic propane appliances. Its focus is to develop basic electrical troubleshooting skills that can be used to service any basic propane appliance. It does not include troubleshooting basic propane appliances - this is addressed in 4.5 “Basic Propane Appliance Service and Troubleshooting”.

CETP Section 4.5 – “Basic Propane Appliance Service and Troubleshooting” focuses on efficiently servicing, troubleshooting, and repairing basic propane appliances. This course does not include any appliance with electronic ignition systems. Those systems are addressed in 4.6 “Advanced Propane Appliance Service and Troubleshooting”

CETP Section 4.6 – “Advanced Propane Appliance Service and Troubleshooting” enables participants to efficiently service, troubleshoot, and repair advanced propane appliances with electronic ignition

systems. The course will aid in preparing for NPGA's CETP certification. 4.6 Advanced Propane Appliance Service and Troubleshooting is an essential tool for ensuring employee safety and continuing success.

FGT 1.1 Section – “Maine Natural Gas Supplement” focuses on the properties of natural gas, procedures for installing house piping, and procedures for placing natural gas operated equipment in-service as required by the State of Maine.

Prerequisites: PNG1 010

Required Materials: CETP 4.2, 4.3, 4.4, 4.5, 4.6 textbooks; Maine Natural Gas Supplement; NFPA 54 & NFPA 58. Course fee includes the Maine Natural Gas Supplement and exam fees.