

Training Classes Now Available

Invensys Controls Uni-Line® NATE® Recognized Courses (North American Technicians Excellence)

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Heating Basics – Gas Valve Systems

Course ID: 3084-0002, NATE Recognized hours: 2 hours

GAS FURNACE SERVICE / GAS HEATING SERVICE / HYDRONICS – GAS SERVICE

Overview of the types of gas valves and ignition control boards used in heating systems. Includes basic characteristics of natural gas and propane, inlet and outlet pressure, pressure measurements, thermocouples, step open, slow open, and standard open gas valves. Sequence of heating events of electronics including thermostats, main gas valves, ignitors and control functions for hot surface, intermittent pilot, and direct spark ignition systems.

Commercial Refrigeration Basics

Course ID: 3084-0003, NATE Recognized hours: 2 hours

AIR DISTRIBUTION / REFRIGERATION COMM. - SERVICE & INSTALATION

Technical overview of basic commercial refrigeration temperature, pressure and defrost controls. Topics include refrigeration system components, discharge temperature and defrost control, super-heat, sub-cooling, and cut-in & cut-out modes.

Heating and Cooling Basics – Thermostat Control Course ID: 3084-0004, NATE Recognized hours: 2 hours

AIR CONDITIONING / AIR DISTRIBUTION / HEAT PUMP / GAS HEATING / OIL HEATING — SERVICE & INSTALLATION Overview of thermostats and how they control HVAC systems. Features will be discussed such as humidity control, enthalpy control, balance point, staging, differentials, and communications with Zoning and Indoor Air Quality Products.

