

HEATING service & troubleshooting

Heating Service & Troubleshooting

2-DAY
TRAINING

Training Description:

You will learn proper start up and service procedures, troubleshooting by use of sequence of operation and wiring diagrams, and analyzing mechanical and electrical problems encountered when servicing gas heating systems. This class will assist with your understanding the proper approach to solve specific problems in the minimal amount of time required. You must recognize safety information and follow all safety instructions and observe safety practices. Failure to follow safety warnings could result in equipment dangers, serious personal injury or death.

Training Benefits:

- Increased safety awareness.
- Reduce costly downtime.
- Learn proper service procedures.
- Better understanding of the 80+ and 90+ systems.
- Reduce outside contractor costs.

Prerequisite: None
Standard Class Size: Up to 20
Program Length: 12 hours
CEU s: 1.2

Training Topics:

SERVICE PROCEDURES

FURNACE OPERATION

- 80+ sequence of operation-wiring diagram
- 90+ sequence of operation-wiring diagram

INSTALLATION

- Duct Sizing/CFM
- Mounting
- Plumbing
- Electrical
- Accessories
- Drain

TROUBLESHOOTING

- Venting
- Installation
- Air Distribution

GAS VENTING

- Vents and Flues
- Vent Sizing
- Installation
 - PVC
 - B-Vent
- Troubleshooting

ELECTRICAL SYSTEMS

- Components
- Schematic and Pictorial
- Sequence of Operation

COMBUSTION AIR

- Confined Spaces
- Diagnosing Flame Problems
 - Floating Flames
 - Flame Rollout

IGNITION SYSTEMS

- Spark
- Hot Surface

CLASS DISCUSSION AND REVIEW

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