

BASIC AIR CONDITIONING & refrigeration II

Basic Air Conditioning & Refrigeration II

1-DAY
TRAINING

Training Description:

In this second one-day seminar, you will gain insights to proper troubleshooting techniques for both mechanical and electrical related problems in your system. We will give you the need to know on how the EPA and Clean Air Act affect your job. You will learn how to effectively find problems, troubleshoot, and repair the controls used in most AC/Refrigeration systems. This seminar builds on the fundamentals already presented in Basic Air Conditioning & Refrigeration I.

(EPA certification is optional and requires the attendee to pass a test administered by the instructor at the end of **Basic Air Conditioning & Refrigeration II**. While every attempt is made to provide our attendees with a high quality education, Lewellyn does not guarantee that all attendees will pass this test. It is highly recommended that attendees study **on their own** in addition to taking this training.)

Training Topics:

SAFETY

- Pressures
- Temperatures
- Electrical Hazard

ELECTRICAL TROUBLESHOOTING

- Multimeter Basics
- Fundamentals of Electricity
- Schematic Reading
 - Symbols
 - Circuit Logic
 - Wiring Diagrams
- Testing Compressor Windings
- Components
 - Current Relays
 - Fan Sequencing Relays
 - Potential Relays
 - Pressure Switches
 - Fusing
 - Capacitors
 - Thermostats
 - Hard Start Kit

MECHANICAL TROUBLESHOOTING

- Belts and Pulleys
 - Alignment
 - Tension
 - Replacement

CLASS DISCUSSION AND REVIEW

**EPA
Certification
Testing
Available**

Lewellyn
TECHNOLOGY

We Improve Workplace Safety & Performance

CONTACT US:
www.lewellyn.com or
800.242.6673