

# COMPRESSOR & SYSTEM TROUBLESHOOTING



**Duration:** April 25, 2019  
8:00 AM - 5:00 PM

**USS Chowder Pot IV**  
165 Brainard Rd.  
Hartford, CT 06114

**Cost:** \$295 Per Student

## Who Should Attend?:

Air Conditioning Technicians, Refrigeration Technicians, Contractors, Installers, Service Managers, Facilities Engineers

## Hospitality:

Light breakfast, lunch and refreshments provided

## Continuing Education Credits:

- 8 hours of NATE-recognized continuing education credit towards recertification in air conditioning, air distribution and heat pump installation and service.
- Educational Services is authorized by IACET to offer 0.7 CEUs for each program.

## Materials:

- Participant Manual
- Technical Help Guide

## Program Description

As a service technician, you may often encounter issues that are detrimental to the operations of your customer. This course takes a logical approach to diagnosing 'system issues' and putting long lasting remedies in place. Students will learn best practices, preventative maintenance tips and ways to maximize the system to save energy; saving your customer money.

## Length

1 day

## Learning Outcomes

*After attending this course, you'll be able to:*

- Describe the system factors impacting compressor efficiency and performance.
- Calculate compression ratios.
- Diagnose electrical and mechanical issues impacting refrigeration systems.
- Perform troubleshooting tasks to resolve refrigeration system issues.
- Evaluate system conditions to troubleshoot refrigeration system issues.
- Identify common causes of compressor failure.
- Describe troubleshooting steps that can be taken to avoid compressor failures.
- Demonstrate how to recognize the causes of compressor failures.
- Use Emerson Mobile Apps to locate information and troubleshoot products.

## Course Topics

- Refrigeration and Compressor Fundamentals
- Refrigeration System Troubleshooting
- Compressor Troubleshooting
- Compressor Electronics



QUESTIONS???  
CALL EMERSON EDUCATION  
SERVICES (800) 748-2779

OR SID HARVEY'S HARTFORD  
(860) 524-0250



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# Compressor & System Troubleshooting

Dates: **April 25, 2019**  
Course Hours: **8:00 a.m. - 5:00 p.m.**  
Location: **USS Chowder Pot IV  
165 Brainard Rd.  
Hartford, CT 06114**

Questions regarding this class?  
Call (800) 748-2779



## Fee & Payment Method: (Fee must be paid prior to start of class.)

Price: \$295 per student – includes lunch and refreshments



- MasterCard  VISA  American Express  Discover  Bill Sid Harvey Acct# \_\_\_\_\_  
 Check Payable to: Emerson Climate LLC/Educational Services, if registering with Emerson Climate Services LLC

Name on Card: \_\_\_\_\_ Card Number: \_\_\_\_\_

Exp. Date: (mm/yr) \_\_\_\_\_ CVS Code \_\_\_\_\_ What's the CVS code? MC/Visa AMEX

Cardholder's Signature: \_\_\_\_\_



3 digits

4 digits

## Attendee Information:

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Company Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Type of Business: \_\_\_\_\_ Job Title: \_\_\_\_\_

## Return Registration To:

Emerson Climate Services LLC  
Educational Services  
Attn: Barb Knasel  
1675 W. Campbell Rd  
Sidney, OH 45365  
Fax to (937) 498-3729



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Registration acceptance is on a first-come, first-served basis.

Education You Can Build On

