



## CONTRACTOR TRAINING

# CO<sub>2</sub> Systems Training

ONE DAY SESSIONS 8:30 AM - 4:30 PM

### DATES AND LOCATIONS

Wednesday, December 13, 2023: Edmonton, AB

Wednesday, January 17, 2024: Brantford, ON

### KEY TAKEAWAYS

Technicians will acquire the ability to:

- Understand major trends in CO<sub>2</sub>, NH<sub>3</sub>, and R290
- Understand related terminology; transcritical, supercritical, subcritical, flash gas
- Properly perform system overview and identify component locations
- Develop the confidence to service natural refrigerant systems
- Learn the advantages of using natural refrigerants in refrigeration
- Discover how to start-up and commission a CO<sub>2</sub> system

### FEATURED TOPICS

- Introduction to understanding system fundamentals: transcritical, subcritical, supercritical and flash gas
- Understand the operating characteristics of subcritical vs transcritical
- Develop an understanding of system differentiators
- Safety performance standards
- Charging of CO<sub>2</sub> system
- Oil management
- Start-up and shutdown sequences
- Refrigerant Regulations and Code update



### REGISTRATION

A fee of \$350 CAD per person includes all course materials, breakfast, lunch, refreshments and snacks.

Register online at:

<https://cvent.me/2kar50?RefId=CO2>

For questions regarding registration or the training program, please contact Sherry Tamilia, Educational Services and Outreach Manager, [Sherry.tamilia@copeland.com](mailto:Sherry.tamilia@copeland.com) or call 519-717-4815



*Cancellations received within one week prior to the scheduled course date will be charged the full course fee.*