

## Commercial and Industrial Fundamentals of Compressed Air Training

**Sept. 17, 2026**

8:00 a.m.–4:00 p.m. MT

Virtual — Register [here!](#)

**Class is free for Idaho Power customers.**

This one-day introductory course will teach facility engineers, operators, and maintenance staff how to improve compressed air systems and reduce costs. Participants will learn ways to save 15–25% on compressed air expenses through efficiency.

### What You'll Learn

- Calculate the energy cost of compressed air in a facility
- Measure current system performance and establish a baseline for improvement
- Improve system efficiency, reliability, productivity, and profitability
- Identify uses of compressed air that waste energy
- Find and fix air leaks
- Create a program to prevent future leaks

### Key Learning Objectives

- Understand the benefits of improving compressed air system performance
- Estimate the current cost of compressed air in a facility
- Identify important measurement points for tracking system performance
- Evaluate simple, low-cost opportunities to reduce energy use
- Compare different compressor control methods and the pros and cons of each
- Describe the components on the supply side of the compressed air system
- Recognize inappropriate uses of compressed air and common leak locations
- Identify best practices for system operation and maintenance
- Develop an action plan for managing and improving compressed air system

### Who Should Attend?

- Plant operation supervisors and managers
- Plant process and project engineers
- Industrial maintenance personnel
- Efficiency consultants and utility staff
- Anyone interested in learning more about compressed air systems

### Instructor

**Ron Marshall**, CET, CEM, CCASS, CCASA, had been employed with Manitoba Hydro, the crown-owned electricity and gas utility in Manitoba, Canada since 1977. In 2016 he retired into the

consulting field. He is a Certified Engineering Technologist, and has received certification as an Energy Manager, Demand-Side Management, and Measurement and Verification Professional through the Association of Energy Engineers.

Ron was the first Canadian participant to qualify as a DOE AIRMaster+ specialist. He has worked in the industrial compressed airfield since 1995 as an Industrial Systems Officer for Manitoba Hydro's Customer Engineering Services Department. Ron was Manitoba Hydro's industrial compressed air systems expert and his efforts contributed significantly to the utility's Power Smart Performance Optimization program, a utility incentive program that supports industrial customer energy audits and electrical and gas efficiency projects.

Ron is a frequent contributor to various CAC related magazine articles. Ron is an international expert trainer with the United Nations Industrial Development Organization serving on various missions to Malaysia and Myanmar.

### **Registration**

**Registration deadline is Wednesday, Sept. 16, 2026**

To register, enter your information online [here](#).

### **Questions?**

Visit [idahopower.com/training](http://idahopower.com/training) or contact Idaho Power at [training@idahopower.com](mailto:training@idahopower.com).