Commercial and Industrial
Fundamentals of Compressed Air Training

July 16, 2025
8:30 a.m. to 4 p.m.
Idaho Power Corporate Headquarters
1221 W. Idaho St., Boise, ID 83702
Class is free for Idaho Power customers.

This is a one-day introductory course designed to teach facility engineers, operators, and maintenance staff how to achieve up to 15–25% cost savings through more effective production and use of compressed air. Participants will learn how to:

- Calculate the energy cost of compressed air in a facility
- Establish a baseline for measuring improvements in compressed air performance and efficiency
- Better control their compressed air system to improve efficiency, reliability, productivity and profitability
- Identify inappropriate uses of compressed air
- Find and fix leaks
- Establish a leak prevention program

Key Learning Objectives

- Understand the benefits of improving compressed air system performance
- Estimate the current cost of compressed air in a facility
- Understand the measurement points for baselining
- Assess quick and simple cost cutting measures
- Determine the impact of different compressor control types and the pros and cons of each type
- Describe the components on the supply side of the compressed air system
- Recognize inappropriate uses of compressed air and common leak locations
- Identify steps for proper system operation and maintenance
- Tailor a compressed air system management action plan

Who should attend?

- Plant operation supervisors and managers
- Plant process and project engineers
- Industrial maintenance personnel
- Efficiency consultants and utility staff
- Anyone desiring more knowledge of compressed air systems

Instructor

Jeff Yarnall has more than 40 years' experience with compressed air and process vacuum systems, including system design, applications, installation, troubleshooting, maintenance, controls, and energy audits. Recently, Jeff accepted the post of Northern California Branch manager after serving 20 years as the Auditing and Consulting Group manager at Rogers Machinery, taking Jeff back to his roots servicing Northern California. Jeff still conducts investment grade energy studies to reduce energy costs and improve system performance.

1221 W. Idaho St. (83702)
P.O. Box 70
Boise, ID 83707

Over 1,800 people have attended Jeff's classes on compressor maintenance, system optimization, and the Compressed Air Challenge with excellent reviews. In addition to classroom theory, Jeff uses field experience of over 950 audits to illustrate the practical side of compressed air systems operations.

Professional and Civic Affiliations

- Registered Professional Engineer, State of Oregon
- Instructor, Level 1 and 2, Compressed Air Challenge, U.S. Department of Energy
- Qualified Air Master+ Software Specialist
- Bonneville Power Administration, Technical Support Pool
- Bonneville Power Administration, Energy Smart Industrial Partners, Technical Support Pool
- Past President, Rotary Club of Tigard
- Past Chairman, Rotary International D5100 Youth Exchange Program
- Treasurer, Professional Engineers of Oregon, Columbia River Chapter

Education

- BS, Environmental Resources Engineering, Humboldt State University, Arcata, CA, 1986

Registration

- ❑ **I will join the seminar in-person**
- ❑ **I will join the seminar virtually**

_____ _____

First Name Last Name Title Phone

_____ _____

Company Name Email Address

_____ _____

Mailing Address City, State ZIP

Electrical License Number (if needing CEUs):_____

Registration deadline is Wednesday, July 9.
To register, email, call or mail registration form to:
Phone: 208-388-5099
Email: training@idahopower.com
Idaho Power c/o Chris Pollow 1221 W. Idaho St. Boise, ID 83702

Questions?
Visit idahopower.com/training or contact Idaho Power at 208-388-5099 or training@idahopower.com.