

## Advanced Management of Compressed Air Systems (Compressed Air Challenge Level II)

April 2–3, 2024, 8 a.m. to 5 p.m.

Hilton Garden Inn – Twin Falls, ID

(1741 Harrison St. N)

**This class is free for Idaho Power customers.**

This in-person class is an intensive two-day training that provides in-depth technical information on troubleshooting and improving industrial compressed air systems. This training will help end users as well as industry solution providers learn to the following:

- Collect and use data and tools to assess the efficiency and cost-effectiveness of a compressed air system
- Develop and use a system profile
- Implement a system maintenance program
- Address air quality, highest pressure requirements, and high-volume intermittent applications
- Understand complex control system strategies
- Align the supply-side to demand-side operation
- Explain the value of heat recovery
- Successfully sell compressed air improvement projects to management

### Agenda

#### Day 1

- Introduction
- Taking measurements
- What is happening here?
- Developing a system profile
- What is happening here? (Part II)

#### *Lunch break*

- Air quality requirements
- High-pressure applications
- High-volume, intermittent applications
- Taking stock of what you have
- Compressed air system maintenance
- Day 1 summary and evaluation

#### Day 2

- Introduction
- Understanding controls
- Aligning supply with demand

#### *Lunch break*

- Heat recovery
- Putting it all together
- Selling the project to management
- Summary and evaluation

### 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 system

### Instructors

**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. This move takes Jeff back to his roots servicing Northern California. Jeff conducts investment grade energy studies to reduce energy costs and improve system performance.

More than 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.

**Frank Moskowitz** has an more than 40 years experience in plant engineering. He has a degree in mechanical engineering and education, including the refrigeration, electrical, and plumbing trades. For the past 20 years, Frank has been an associate of Draw Professional Services primarily in the auditing, consulting, training, and system design fields. His specialty consists of Compressed Air Systems (oil flooded and oil free), Vacuum Systems, Contaminate Removal, System Design and Energy Management. Frank is a compressed air challenge instructor for the Fundamentals and Advanced level of training, an AIRMaster+ instructor and a Department of Energy (energy savings) expert on compressed air systems. Frank is also Vice-Chair for ASME Standard EA-4-2010 "Energy Assessment for Compressed Air Systems"; and is a member of International Standards Organization (ISO) technical committee for Air Compressors and compressed air systems energy management; TC118/SC6/WG4.

## Registration

First Name	Last Name	Title	Phone
Company Name			Email Address
Mailing Address			City, State ZIP

Electrical License Number (if needing CEUs): \_\_\_\_\_

### Registration deadline is Monday, March 18.

To register, email, call or mail registration form to:

Phone: 208-388-5099

Email: [training@idahopower.com](mailto:training@idahopower.com)

Idaho Power c/o Andee Morton 1221 W. Idaho St. Boise, ID 83702

### Questions?

Visit [idahopower.com/training](http://idahopower.com/training) or contact Idaho Power at 208-388-5099 or [training@idahopower.com](mailto:training@idahopower.com).