

Method of Payment

Registration Fee: \$100 per person.

■ Check or PO
(Payable to Norgren, Inc.)

■ Credit Card
(MasterCard or Visa)

Email, fax or phone registrations to:
Sarah Sperlbaum
Norgren Training School Coordinator
Phone: 720-283-5332
Fax: 303-794-6903
Email: ssperlbaum@usa.Norgren.com

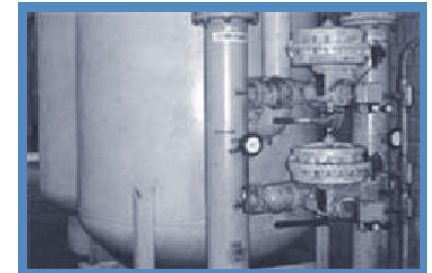
A Strong Energy Portfolio for a Strong America
Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

Norgren, Inc.
5400 S. Delaware Street
Littleton, CO 80120-1163



Fundamentals of Compressed Air Systems

industrial training workshop



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5400 S. Delaware Street
Littleton, CO 80120-1163

April 28, 2009



U.S. Department of Energy
Energy Efficiency and Renewable Energy
Bringing you a prosperous future where energy is clean,
abundant, reliable, and affordable.

Overview

Make your company more profitable by getting smarter about compressed air. Through a series of workshops, the Compressed Air Challenge® helps you evaluate your own systems and apply proven techniques. Workshop participants will be able to achieve higher productivity, reduced downtime, greater energy savings, increased product quality, and greater efficiency. Please join us for our upcoming Fundamentals of Compressed Air Systems Workshop.

Additional Training Opportunity

Attendees of the Fundamentals workshop are encouraged to attend the Advanced Management Training workshops. These two-day sessions are an in-depth analysis and problem solving of more complex systems including centrifugal compressors and integrating all types of compressors and accessory equipment into one complete system. Visit the CAC website or ask one of your instructors for more information.

Individuals that have successfully completed the Fundamentals of Compressed Air Systems workshop are also invited to attend an Introduction to AIRMaster+ workshop. The AIRMaster+ software, developed by DOE in cooperation with the Compressed Air Challenge®, assists in evaluating compressed air systems. Taught by AIRMaster+ Qualified Specialists, this 1.5-hour workshop is an introductory overview of the AIRMaster+ software, how it is used, and its benefits. Please check the ITP website training calendar (<http://www.oit.doe.gov/bestpractices/textCalendar.shtml>) for upcoming Introduction to AIRMaster+ workshops and other DOE training opportunities.

Co-Sponsored by:



Optimize your compressed air systems and
reduce energy costs...

Agenda

8:00 Registration and Continental Breakfast

8:30 - 12:30 Morning Session

- Why care about air?
 - Compressed Air Challenge questionnaire
 - Pre-workshop assignment
- Study your supply side
 - What is supply side?
 - Typical components of the supply system: compressors, controls, dryers, traps and drains, and filters
- Understand your demands
 - What is the demand side?
 - Typical components of demand
 - Inappropriate uses of compressed air
 - Common leak locations and how to fix them
- Are you on base?
 - Baseline basics and techniques

12:30 - 1:30 Lunch (provided)

1:30 -5:00 Afternoon Session

- Stay under control
 - Controls, part-load efficiency, and storage
 - Using controls - pros and cons
- Maintain system efficiency
 - Simple, quick cost-cutting measures
 - System demand profile
- Get with the plan
 - Seven-step action plan
 - Personal action plan

Instructor

Mr. Frank Moskowitz has an extensive background with over 30 years experience in plant engineering. BS in Mechanical engineering and education, including the refrigeration, electrical, plumbing trades. For the past 14 years, Frank has been an associate of the Draw Group of Companies 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, Moisture Removal, System Design and Energy Management. Frank is a Compressed Air Challenge instructor for both fundamentals and advanced level of training, and an AIRMaster+ instructor.

Registration Form

Register early to ensure space - seating is limited!

Registration fee is \$100 per person. Please see reverse side for payment information.

First Name Last Name

Company Name

Street Address

City State Zip

Phone Fax

Email Address

Credit Card Number and Expiration Date (if paying by Credit Card)

Signature

Billing Address

City State Zip

Accommodations

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