Compressed Air Challenge Seminar

Energy Efficiency in Compressed Air Systems

Regina: Tuesday January 29th, 2019 –SaskPower RMC, 2111 Albert Street N (Highway 6)
Saskatoon: Wednesday January 30th, 2019 – Garden North room, Hilton Garden Inn - 90 22 St E,

Speaker: David Booth
Fundamentals of Compressed Air Systems

Continental Breakfast and Registration
7:30 a.m.

Introduction

Why Care About Air?
- Compressed Air Challenge Questionnaire
- Pre-Workshop Assignment

Break

Study Your Supply Side
- What is supply side?
- Typical components of the supply system: compressors, controls, dryers, traps and drains, and filters

Break

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.

Break

Are You on Base?
- Baselining Basics and Techniques

Lunch – Will be provided

Stay Under Control
- Controls, part-load efficiency, and storage
- Using Controls – Pros and Cons

Break

Maintain System Efficiency
- Simple, quick cost-cutting measures
- System demand profile

Break

Get with the Plan
- Seven Step Action Plan
- Personal Action Plan

Break

Summary and Evaluation

Adjourn 5:00 p.m.

How much money could this training save you?

Sponsored by: Comairco and SaskPower's Commercial Energy Optimization Program

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Compressed Air Challenge Seminar

Fundamentals of Compressed Air Systems

Compressed air systems hold the key to greater productivity, efficiency and profitability in your facility. You just have to understand where to look and what to do.

That's where the Compressed Air Challenge can help. If you're under pressure to improve efficiency, exceed productivity quotas, maintain quality – and control costs – the Compressed Air Systems training sponsored by the Compressed Air Challenge is for you!

The Compressed Air Challenge has developed a series of training seminars to help you evaluate your own compressed air system and apply proven techniques to reduce operating costs and improve your productivity, product, quality, system reliability and competitiveness.

Fundamentals of Compressed Air Systems, (Level 1), is a one-day introductory course designed to teach facility engineers operators and maintenance staff how to achieve 15 -25% cost savings through more effective production and use of compressed air. Participants will learn how to:

1. Calculate the energy cost of compressed air in their facility;
2. Improve compressed air system efficiency and reliability;
3. Identify inappropriate uses of compressed air;
4. Establish a baseline by which they can measure improvements in compressed air performance and efficiency;
5. Match system supply to actual production requirements for pressure and flow;
6. Find and fix leaks;
7. Establish a leak prevention program, and
8. Better control compressed air to improve productivity and profitability.

When you register, you will be sent an information packet including materials you will complete prior to the training, this information will be critical as you use data to calculate cost and performance in your specific facility.

Training from people who know compressed air. Training is led by a compressed air expert who is dedicated to providing you with strategies you can implement immediately when you return to your plant.

The focus of the training is to give you the knowledge and confidence you need to go back to your plant and start making positive changes in the way you manage your compressed air system.

Seminar Leaders

David Booth. David Booth has a degree in Engineering from the University of Notre Dame and is a qualified instructor for the Compressed Air Challenge (CAC) training program. With more than 30 years of experience in the design, maintenance and installation of mechanical and electrical systems, he brings a broad range of diverse problem solving skills and perspectives to improving compressed air systems. As a systems specialist for Sullair, his primary focus is training and supporting others in the fundamentals of understanding and managing compressed air and vacuum systems. His experience and leadership in systems design and efficiency improvement are integral to Sullair's goal of providing end users with customized compressed air solutions.

Seminar Costs:

January 29 **Regina**, January 30 **Saskatoon**
$250 + $12.50 GST = $262.50 per person
Training held: 8:00 am to 5:00 pm
Contact: 1-800-761-8780 E-mail: training@comairco.ca

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