

Compressed Air Efficiency A Savings and Reliability Workshop

Less than 20% of power used to produce compressed air is delivered to the system. Compressed air, sometimes referred to as the fourth utility, can sometimes be the largest energy consumer in your plant. Is your compressed air costing you a fortune!

STONY BROOK UNIVERSITY, in partnership with Scales Industrial Technologies, is pleased to offer this course as part of our extensive Excellence In Management & Operations programs. This workshop is designed to help make your company more profitable by getting smarter about compressed air. The instructor for this workshop, Mr. William Scales P.E., is an internationally recognized expert in compressed air systems. Over the last 40 years he has audited hundreds of compressed air systems throughout Asia, Australia, South America, and the United States, including Boeing, Ford, General Motors, IBM, John Deere, Mobil, Alcoa, Sunoco and other Fortune 500 companies. Bill has written several publications and presents workshops for many national groups and organizations. This course is presented in cooperation with the Long Island Power Authority. LIPA will be represented during the workshop, which will include a presentation on rebate opportunities.

Course Title: Compressed Air Efficiency, A Savings and Reliability Workshop
Fee: \$150.00

**Thursday, October 1, 2009
8:30 AM – 4:30 PM**

A Continental Breakfast and Lunch will be served.

Did you know?

- A ¼ inch air leak at 100 psig over a one year, three shift operation will cost over \$12,000 per year in energy at \$0.07/kWh.
- 75% of the operation costs associated with the use of compressed air are electrical energy costs.

Who should attend:

- Facility Managers
- Air Compressor System Operators
- System Designers
- Engineering Managers
- Engineering Consultants



Course Description:

The energy used in creating compressed air represents a major investment of resources for manufacturing and industrial enterprises. This workshop will give you the tools to improve efficiency, increase reliability, and lower maintenance costs of your compressed air systems.

Length: 8 Hours

Topics include:

- The theory of compressed air and compression methods
- Types of air compressors and operating characteristics
- Cost of compressed air
- System components
- Energy-saving opportunities
- Preventative and regular maintenance
- System troubleshooting

- Plumbing for efficiency
- Compressed air system audit program

Upon completion of this workshop, participants will be able to:

- Troubleshoot your compressed air problems
- Maximize the use of your system
- Get maximum efficiency results from your system.

Further Information

For further information about this or any of our other courses please email: sbucet@stonybrook.edu