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Training Seminars 2009 Maintenance & Operations Rotary Screw Compressors

The seminar on Rotary Screw Compressors and Related Equipment will provide information on the proper application and operation of the compressors as well as associated equipment such as dryers, filters, and condensate handling.

Course material will be presented in an objective, non-commercial format.

Attendees will acquire a working knowledge of the component equipment, design operation, maintenance requirements, basic trouble analysis, and interface issues.

Those attending the session should leave with an understanding of the costs associated with compressed air generation, the importance of properly administered maintenance, and the basic tools to evaluate problems within their own systems.

There will also be an introduction to Atlas Machine & Supply's total capability for plant maintenance support of our customer's operations. A tour of the machine shop and service areas will be included for those interested at the end of the session.

Course Agenda

Rotary Screw compressor Design

- Package air flow
- Package oil flow
- Control options and function
- Cooling Issues
- Installation
- Routine maintenance
- Trouble analysis
- Lubricants (choices)

Drying Systems

- Design types
- Application requirements

Filtration Systems

Condensate Management

- Automatic drain choices
- Oil / water separations systems

Trouble-Shooting Systemic Problems

- Low pressure
- Water
- Oil carryover

Schedule

(9:00 am through 2:30 pm)
Lunch provided

Louisville, Kentucky
7000 Global Drive
502.584.7262

March 12, 2009
May 21, 2009
August 30, 2009

Cincinnati, Ohio
4985 Provident Drive
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February 19, 2009
May 7, 2009
August 6, 2009
November 5, 2009