



Providing a forum for maintenance information exchange to all industries who can benefit from improved equipment reliability through networking, demonstration, benchmarking and leveraged training

Energy Auditing and Conservation

This is a FREE event open to all members of the public. The OPMUG board of directors decided that this is a great event and by offering it to the public will increase our exposure and ultimately increase our membership.



By: Mike Holzer
from United States Postal Service

Wednesday, April 1st, 2009

8:30 a.m. – 9:00 a.m. Registration

9:00 am - 3:45 pm Program

Meridian Technology Center, Stillwater , OK

FREE Refreshments



To help us plan for food and other arrangements necessary for your benefit, **pre-registration is required** by March 27th.

Visit www.opmug.net or

Contact Jeff Forquer at
jefff@meridian-technology.com

for registration

405-377-3333 x251



1312 S. Sangre Rd.
Stillwater, Oklahoma 74074
(405) 377-3333

This program will provide an overview of the curriculum presented in a 40-hour / 5-day course presented through the US Postal Service National Center for Employee Development in Norman, Oklahoma. The program will cover implementing a complete energy auditing survey to determine the electrical consumption for a facility. The audit will require a complete inventory with associated electrical consumption for each piece of equipment and lighting system. Once the data has been accumulated, extensive use of Excel spreadsheets will be used to track and chart consumption data. Energy conservation techniques will be discussed for each type of system followed by the entering and graphing of the data to measure the effectiveness of conservation efforts. ■



Energy Auditing and Conservation

Who should attend?

Building Equipment Maintenance Personnel, supervisory and craft, and all maintenance Management levels responsible for building operations.

Program Objectives:

Upon completion of the program, participants will be able to:

1. Perform an analysis of electrical billing contracts.
2. Employ energy conservation measures in building systems and equipment.
3. Perform an energy audit on all building systems and equipment.
4. Determine staffing requirements for monitoring building equipment and efficiency.
5. Record and graph energy consumption information into Excel Spreadsheets.
6. OGE Energy Conservation C/I incentives
7. PSO Energy Conservation C/I incentives



Michael Holzer, Technical Training Instructor; US Postal Service National Center for Employee Development (NCED),

Mike has been a technical instructor for 35 years at the U.S. Postal Service training center (NCED) in Norman Oklahoma. He has provided training on postal equipment, computer maintenance and repair, computer programming, and computer system development. His expertise is in heating, ventilation, and air conditioning systems and energy conservation and analysis. Mike designed and developed several courses for the postal service on energy conservation and analysis including psychometrics and pressure enthalpy charts, and energy auditing and conservation. His conservation efforts at one postal training facility netted a 20% reduction in electrical consumption and 25% reduction in natural gas used for heating. Part of his training includes extensive use and application of Excel spreadsheets to perform energy audits, track conservation efforts and consumption, analyze chiller performance, and the operations and efficiencies of air handler units for large applications. Mike recently retired from the NCED but continues to provide technical expertise and consultation on as needed basis for special projects.



****Cancellation Policy****

A reservation should be cancelled as soon as possible before the start of the event. This allows for scheduling and resource planning purposes.