POWER GENERATION LUBRICATION WORKSHOP

All training occurs at
York College's J.D. Brown Entrepreneurship Center at King's Mill Depot:
410 Kings Mill Road, York, Pa. 17401

June 12 & 13, 2018

$995* per person
**See Website For Discount*

POWER GENERATION

Power Generation is a vital contributor to the economy. Reliable and cost-effective power can impact nearly every facet of manufacturing and daily life. Lubricants are at the focal point for the reliability of nearly every mechanical system in a power plant, including nuclear, fossil, hydro, wind and even large solar installations. Turbines, gear-boxes, electric motors, electro-hydraulic controls (EHC) systems, solar positioner gears, and wind turbine main and blade bearings all require reliable operation through effective lubrication. When an experienced and capable workforce is armed with the knowledge of lubrication best practices including filtration, lubricant sampling and analysis, and condition-based lubrication replenishment, life extension of critical components and reduction in O&M costs can be substantial.

2-DAY WORKSHOP

Power Generation professionals will gather for a 2-Day workshop to tackle machinery care and reli-ability improvement issues through laboratory time, classroom workshops and hands-on training.

WHO SHOULD ATTEND:

Plant Supervisors
Plant Engineers
Reliability Engineers
Plant Managers
Maintenance Managers
Mechanical Engineers
Machine Lubrication Engineers
Machine Lubrication Technicians
Machine Lubrication Analysts
Training Coordinators

QUESTIONS OR TO REGISTER:

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WORKSHOP SESSIONS

1. Turbine Lubricants
- Steam and Gas Turbine Oil
- EHC Fluid Health
- Oil Conditioning Options

2. Lubricant Analysis Testing
- Grease and Oil Sampling
- Lubricant Health
- Contamination
- Wear Debris

3. Oil & Grease Analysis Case Studies
- Industry Examples in Wind, Nuclear, Fossil, Hydro
- Participant Provided Reports

4. Contamination Control
- Proper Sample Collection
- Contaminant Quantification and Removal Methods
- Contaminant Exclusion

5. Machine Retrofits [Hands-On]
- Splash Bath Sumps
- Pressurized Circulating Systems
- Breathers and Filters
- Oil Sampling Fittings

6. Automatic Lubrication Systems
- Design Options and Advantages
- Routine Maintenance and Troubleshooting
- Optimizing Grease Usage

7. Building Work Practices in a Digital World
- Machinery and System Surveys
- Building Lubrication Routes
- Efficient Data Collection
- Information Management Methods
- Case Analysis and Execution