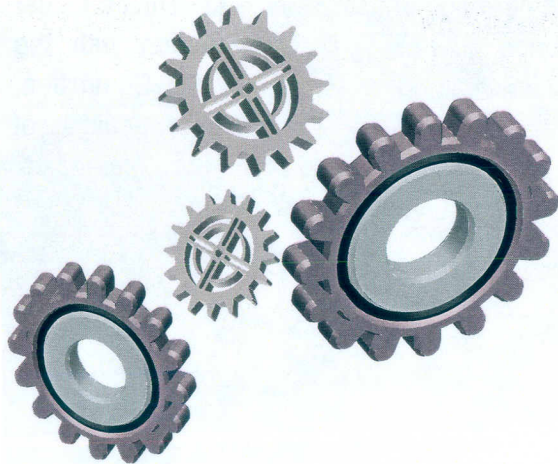


ABOUT THE FACILITATOR MR. KEVIN MOTILAL

Mr. Motilal holds a Masters of Science degree in Production Engineering and Management and a Bachelors of Science degree in Mechanical Engineering from the University of the West Indies, St. Augustine Campus. He is an Executive Member of the Society of Tribologists and Lubrication Engineers (STLE) Caribbean Region and past chairman of the Section. Mr. Motilal is a Certified STLE Training Instructor, a certified Lubrication Specialist and a Certified Oil Monitoring Analyst. Mr. Motilal has over 9 years experience in Maintenance and Operations of Equipment in the areas of Lubrication and Lubrication Technology. He is currently employed at the Trinidad and Tobago National Petroleum Marketing Company Limited and holds the position of Technical Support Manager.



Cost Per Participant
TT \$3,100.00 or US \$517.00

Companies registering three (3)
or more persons pay a fee of
TT \$2,790.00 or US \$465.00

Package includes:
Seminar Workbook
Lunch and refreshments
Certificate of Participation

For further information please contact:

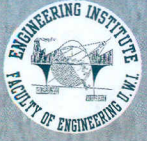
The Engineering Institute
Faculty of Engineering
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Tel/Fax No: (868) 662-6267
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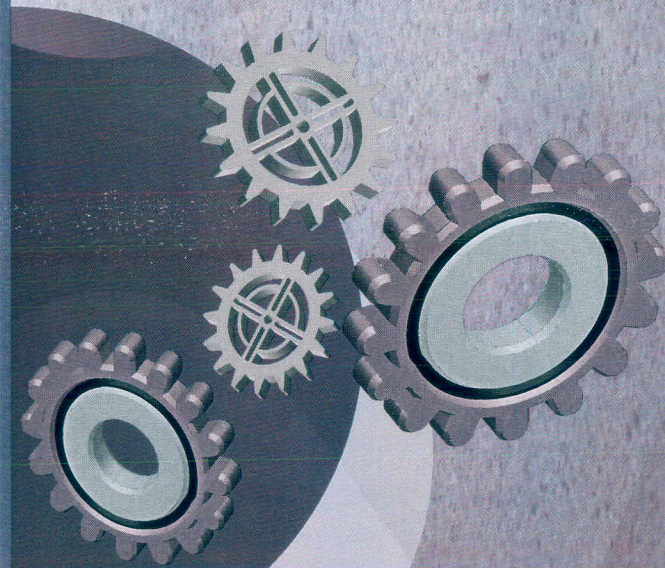
Mr. Kuarlal Rampersad
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ENGINEERING INSTITUTE
Faculty of Engineering
The University of the West Indies,
St. Augustine, Trinidad

presents

LUBRICATION FUNDAMENTALS



July 30th & 31st, 2009
Faculty of Engineering,
The University of the West Indies,
St. Augustine, Trinidad

DESCRIPTION AND OBJECTIVES

This training will provide the opportunity for maintenance and operational personnel to fully understand and gain knowledge in lubricants and lubrication applications, e.g. lubrication analysis, storage issues, handling, contamination, sampling and data interpretation.

WORKSHOP LEARNING OUTCOMES

Upon successful completion of this workshop students should be able to:

- Gain maximum knowledge in lubrication fundamentals to ensure that equipment conditions are maintained and monitored.

TARGET AUDIENCE

- Plant and Equipment Maintenance Personnel
- Supervisors
- Operators
- Reliability and CBM Personnel
- Plant and Equipment Operational Personnel
- Engineers
- Technicians
- Lubricant and Vibration Analysts

COURSE OUTLINE

LUBRICATION

BENEFITS OF LUBRICANTS

- Functions Of Lubricants
- Reduce Wear
- Carry Away Heat
- Keep Out Dirt

WHAT LUBRICANT DOES?

- Lubricates all moving parts.

WORKING ENVIRONMENT OF LUBRICANTS

- Mechanical Stress.
- Wear Debris
- High Temperature.
- Low Temperature.
- Acids

- Properties of a Lubricant.
- Lubricant Additives.
- Sampling Method & Procedures.
- Understanding Oil Analysis.
- Storage & Contamination.
- Benefits of a Lubrication Program.
- Picture Samples of Contamination

PRE-REQUISITES

Attendees must have basic knowledge in equipment maintenance and reliability and at least 3 years in Condition Based Maintenance applications.

CERTIFICATE REQUIREMENTS

A Certificate of Attendance is awarded after the completion of the two-day short course, which amounts to approximately 14 classroom and hands-on hours. Attendance and participation in this course will attract 7 Professional Development Units (PDU's) for engineers under the Continuing Professional Development Programme jointly launched recently by the Association of Professional Engineers of Trinidad and Tobago (APETT) and the Board of Engineering of Trinidad and Tobago (BOETT), in collaboration with the Continuing Engineering Education Committee, The Engineering Institute, Faculty of Engineering, The University of the West Indies, St. Augustine Campus.