



# Machine Reliability Training Courses for Certification

Attendees will benefit from a unique learning environment and certification programs that combine specialized training with hands-on learning.

## **Machinery Lubrication Technician Level I (MLT I) Meets 16 hours instruction for ISO 18436-4**

This course will prepare the attendee for the ICML Machine Lubrication Technician Level I certification exam. The course will focus on proper greasing, oil lubrication methods, oil and grease sampling and setting up and maintaining a lubricant analysis laboratory or lab provider relationship.

## **Machine Lubrication Technician Level II (MLT II) Meets 32 hours instruction for ISO 18436-4**

This course will prepare the attendee for the ICML Machine Lubrication Technician Level II certification exam. The course will focus on proper maintenance strategies, on-site lubrication management and sampling, lubrication selection and lubricant testing and performance analysis.

## **Machine Lubricant Analyst Level I (MLA I) Meets 24 hours instruction for ISO 18436-4**

This course will prepare the attendee for the ICML Machine Lubricant Analyst Level I certification exam. MLA I training will cover the important topics of sampling and analysis, and includes hands-on opportunities in an operating oil and grease analysis laboratory. The course also establishes technologies to monitor program success, ensuring optimal machinery reliability and plant productivity.

## **Machine Lubricant Analyst Level II (MLA II) Meets 24 hours instruction for ISO 18436-4**

This course will prepare the attendee for the ICML Machine Lubricant Analyst Level II certification exam. The course will focus on proper greasing, oil lubrication methods, oil and grease sampling and analysis, and setting up and maintaining a lubricant analysis laboratory or lab provider relationship.

## **Infrared Thermography Level I (IR I) Meets 32 hours instruction for ASNT SNT-TC-1A**

Attendees certified on Level I Infrared Thermography Certification for predictive maintenance monitoring will learn basic camera setup and operation, thermal and infrared science fundamentals, thermal measurement and thermography safety. Instruction on proper image attainment and documentation will also be provided.

## **Infrared Thermography Level II (IR II) Meets 32 hours instruction for ASNT SNT-TC-1A**

Attendees certified on Level II Infrared Thermography Certification for predictive maintenance monitoring will learn radiometric temperature measurement, emissivity, reflected temperature compensation and measurement resolution.

## **Laboratory Lubricant Analyst Level I (LLA I) Meets 24 hours instruction for ISO 18436-5**

MRG Labs' ICML LLA I training covers lubricant sample handling, lubricant health monitoring, reagent management and laboratory equipment/glassware handling.

## **Laboratory Lubricant Analyst Level II (LLA II) Meets 24 hours instruction for ISO 18436-5**

MRG Labs' ICML LLA II training covers proper greasing, oil lubrication methods, oil and grease sampling and analysis, lubricant health monitoring and setting up and maintaining a lubricant analysis laboratory or lab provider relationship. This course can be taken without first achieving LLA-I certification, provided that the candidate has 36 months of experience in the body of knowledge of LLA-I.

Call 717-843-8884 for more information.

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## 2017 Class Dates and Locations

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

### **Machinery Lubrication Technician I (MLT I)**

**\$1,295\*** Feb 7 – 10, 2017  
& Oct 10 – 13, 2017

### **Machine Lubrication Technician II (MLT II)**

**\$1,295\*** Nov 6 – 10, 2017

### **Machine Lubricant Analyst Level I (MLA I)**

**\$1,295\*** Feb 6 – 10, 2017  
& Oct 9 – 13, 2017

### **Machine Lubricant Analyst II (MLA II)**

**\$1,295\*** Aug 8-10, 2017

### **Infrared Thermography Level I (IR I)**

**\$1,495\*** May 22-25, 2017

### **Infrared Thermography Level II (IR II)**

**\$1,495\*** July 17-20, 2017

### **Laboratory Lubricant Analyst Level I (LLA I)**

**\$1,295\*** Mar 7 – 10, 2017  
& Aug 15 – 18, 2017

### **Laboratory Lubricant Analyst Level II (LLA II)**

**\$1,295\*** May 9 – 12, 2017  
& Oct 24 – 27, 2017

### **Course Instructors:**

**Rich Wurzbach, President of MRG Labs**  
With more than 25 years of experience in the development of Predictive Maintenance Programs, Mr. Wurzbach is certified by ICML as a Laboratory Lubricant Analyst (LLA-II), Machine Lubricant Analyst (MLA-II), Machinery Lubrication Technician (MLT-II) and STLE as Certified Lubrication Specialist (CLS).

**Lisa Williams, Vice-President of MRG Labs**  
Has been with MRG Labs since 2007, and currently manages the laboratory operations. Lisa is certified by ICML as a Laboratory Lubricant Analyst (LLA-II), Machine Lubricant Analyst (MLA-I), Machinery Lubrication Technician (MLT-I) and STLE as Certified Lubrication Specialist (CLS).

### **More information and registration:**

<http://mrgcorp.com/certificationdates.html>