



MLE Certification Preparation Class



Specialist training...
unlike any course you
have ever taken!

A&S International provides specialist training in lubrication qualifications delivering an exceptional learning experience for professionals within industry

A&S International Training delivers a range of specialist lubricant preparation classes, including for the STLE CLS and ICML MLE qualifications – delivering an exceptional learning experience for lubrication & maintenance personnel.

Members of our team have continuously invested significant time in gaining their industry qualifications throughout their careers. It has enabled them to utilise the knowledge & confidence gained in order to provide specialist support for our distributor network as well as our clients in many areas of industry.

We strongly believe in the power of knowledge, self-improvement & the importance of industrial organisations investing in the training of their personnel – allowing them to reduce the maintenance & operating costs of their operations due to the implementation of best practices.

As well as offering our own lubrication basics training, we are proud to also be working with a well respected instructor Michael Holloway to deliver exam preparation classes for ICML and STLE qualifications.

Who is the course for?

- Lubricant Engineers
- Lubricant Consultants
- Lubricant Manufacturers / Distribution Partners
- Lubricant Purchasing Staff
- Maintenance Managers/Engineers
- Industrial & Manufacturing Engineers
- Oil Condition Monitoring Staff
- Operations Managers
- Predictive Maintenance Technicians
- Reliability Engineers/Managers



What is a Machinery Lubrication Engineer (MLE)?

This is an engineering-level certification targeting reliability and asset management professionals with a strong emphasis in lubrication and lubricant analysis. The certification is ideal for those with daily activities associated with development, implementation and management of lubrication programmes. It is intentionally structured for those with responsibility to guide and facilitate organisations in tactical steps towards ISO 55001 certification. This is both an engineering and management level certification for those providing general engineering support to a user lubrication programme including lubricant selection, lubrication and sampling hardware selection and implementation, overall lubrication programme design, procedure development, optimizing lubricant PMs and inspection programme design, lubricant analysis and troubleshooting, lubrication programme metrics, training and skills remediation, and management/staff communications.

Education and/or Experience

Candidates must have at least 5 years' education (post-secondary) or on-the-job training in one or more of the following fields: engineering, mechanical maintenance, maintenance trades, lubrication, oil analysis and/or condition monitoring (mechanical machinery). No engineering degree or ICML certifications are pre-requisites to candidacy for the MLE certification. However, the MLAs and MLTs would support a candidate's preparation for the MLE test.



A&S International, MLE Certification Preparation Class

This 4-day course offers content and instruction to prepare for the International Council for Machinery Lubrication (ICML) Machinery Lubrication Engineer (MLE) exam.

Course Outline:

Day 1 8am - 5pm

Baseline Exam

- 1 Asset Management, ISO 55000 & ICML 55
- 2 Machine Reliability and Machine Maintenance
- 3 Condition-based Maintenance (CBM)
- 4 Tribology; Friction, Wear, and Lubrication

Day 2 8am - 5pm

- 5 Lubricant Formulation for Machine Types
- 6 Job- and Task-based Skills/Training
- 7 Risk Management for Lubricated Machines
- 8 Optimum Machine Modifications
- 9 Lubricant Selection

Day 3 8am - 5pm

- 10 Lubrication Planning, Scheduling and Work Processing
- 11 Inspection of Lubricated Machines
- 12 Lubricant Analysis and Condition Monitoring
- 13 Fault/Failure Troubleshooting, Root Cause Analysis (RCA)
- 14 Supplier Compliance/Alignment and Procurement

Day 4 8am - 5pm

- 15 Used Lubricant Management and Enviro Compliance
- 16 Energy Conservation, Environmental Protection, H&S
- 17 Lubricant Storage and Commissioning
- 18 Programme Metrics and Continuous Improvement

Day 5 8am - 11:30am

- 19 MLE Examination (optional)

MLE Course Details & Fee

Expert 4-Day Instruction including training study material, refreshments and lunch. End of course Certification.

Held at [Sheraton Heathrow Hotel](#), London, UB7 0HJ

Course Fee: £1,500.00 + VAT

Group discounts available on request

Visit: aands.international/training/machinery-lubrication-engineer/ for available course dates

MLE Examination (optional)

Participants interested in taking the MLE exam need to register separately with ICML. Details can be found on the A&S website

Becoming MLE Certified

Each candidate must pass a written, 150 question multiple choice MLE exam. A score of 70% is required to pass the examination and achieve certification. Recertification is required every 3 years. To recertify individuals must accumulate 15 recertification points over the three-year period.

World leading Instructor

Michael D. Holloway, CRL, LLA (I, II), MLT (I, II), MLA (I, II, III), OMA, CLS, MLE has over 35 years' experience in the lubrication, analysis, and reliability industry. In 2014, Michael established 5th Order Industry that is now a world leader in competency development for certification preparation. He has written eight books, holds an MSc in Polymer Engineering, a BSc in Chemistry, and a BA in Philosophy.



Specialist training methods

Michael established the 5th Order Industry Competency Development Model®, a learning system like no other in the industry. It is a cooperative argumentative dialogue between individuals and instructors of continuous asking and answering questions from the instructors as well as other students that stimulate critical thinking to draw out underlying presumptions in the world of lubrication, oil analysis, and overall reliability. Advances in neuroscience and learning pathways are utilized as participants prepare for the final exam as well as assignments that they will accomplish in and out of the course.



Machinery Lubrication Engineer (MLE) Course - REGISTRATION

NAME:

JOB TITLE:

COMPANY:

ADDRESS:

E-MAIL:

PHONE:

TO REGISTER:

Call on 0118 930 4321

Online aands.international/training/cls

Complete form above and send to:

A&S International, 2 Brewery Court, High Street, Theale, RG7 5AH



The Old Brewery
2 Brewery Court, High Street
Theale, RG7 5AH
United Kingdom

Email: hello@aands-international.com
Phone: +44 (0)118 930 4321

FACEBOOK | TWITTER | LINKEDIN

www.aands.international