



Training Course

Operational and Analysis – Research and Motor Octane

Equipment: Octane RON & MON
Test Method: ASTM D2699 / ASTM D2700
Duration: 5 Days
Delegation Size: Maximum 3

Details

This training is designed to give those new to CFR Operations or those CFR operators who have had minimal day to day experience, a comprehensive theoretical and practical grounding in all the key testing techniques, procedures and requirements.

Its aim is to ensure they are testing in accordance with the industry required test methods and have a thorough understanding of the background and the critical components that are necessary for accurate CFR Operations and Analysis. The course covers both theoretical and practical elements, allowing plenty of hands on training for all participants.

Everyone who successfully completes the course will receive a training certificate, supporting their career progression and providing a formal record for quality assurance purposes, and training notes reinforcing key points from the course. Courses are usually held at the client's location as this enhances familiarity with local equipment and includes the integration of local policy and procedures.

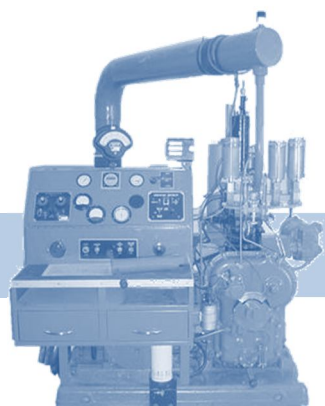
It also allows for an understanding of any local equipment requirements to ensure continuity of compliance to test methods. To ensure that all practical elements of the course are experienced by each participant, we allow a maximum of 3 delegates per course.

Our training courses are designed to; improve the quality, standards and creditability of test data, increase the capabilities and understanding of the operators and ultimately ensure continuous test method compliance.

Effective training is a key element to the integrity of a successful CFR Operation. By improving the operational CFR knowledge of your team and offering top quality training, you can ensure the industry work practices necessary to guarantee the integrity of your equipment and test data.

Course Objectives

- Introduction, background, key safety points.
- Identification/ explanation and calibration of critical equipment.
- CFR engine startup/shut down.
- Standard engine operating conditions and barometric pressure compensation.
- Blending of primary, secondary reference and calibration fuels.
- Anti-knock compounds (tetraethyl lead).
- Fuel octane testing principles (compression ratio / bracketing).
- Setting standard and max "knock" intensity.
- Toluene standardisation fuel and sample testing.
- Setting and adjustment of detonation meter and interpolation calculations.
- Test method precision and control



For more information contact us by e-mail: cfr@adl.uk.net

