

Centerfire LWD Operations Training

This comprehensive course introduces all aspects of the practical operation of the Black Diamond Centerfire LWD system, ensuring a solid understanding of the requirements to make sure the system consistently delivers the highest quality results. Designed primarily for field engineers, the course also benefits anyone involved in the support of Centerfire LWD operations.

Features and Benefits

Comprehensive

The 3-day course covers all aspects of the operation of the Centerfire Resistivity and Gamma Ray system, including:

- Downhole system setup and test
- Surface system setup, calibration and test
- Operational considerations
- Software configuration and control
- Rig-floor operations
- System troubleshooting
- Log generation/chart control
- Rigsite reporting

Focused on current best practices and the latest techniques, the training offers a complete introduction to the Centerfire system. Continual assessment through written tests and practical exercises ensures all areas of the system's operation are fully understood.

Integrated

The course is a constituent module within the Black Diamond Centerfire LWD Operations Training Program. This program delivers a defined progression of e-learning, traditional teaching and on-the-job training offerings designed to support the continued development of those involved with the operation of the Centerfire LWD system.

Practical

By moving much of the theory of measurement and operation to prerequisite e-learning, this course is able to maximize practical, hands-on training. Led by experienced trainers, practicals are completed with real systems to ensure confidence with the tools. Controlled simulations of field operations reinforce key procedures and allow for continuous assessment.

Accessible

Courses are held either in the Black Diamond training center or at the customer base. Central management of the training program ensures quality of content and delivery independent of course location.

Personalized

Identifying that customers use the Centerfire system in a variety of operations and in a range of configurations, Black Diamond can draw on its broad range of operational experience to tailor training courses that match customer operations.

Black Diamond MWD & LWD Training Programs

Introductory	Introduction to MWD E-Learning		Introduction to Drilling E-Learning	
Core	Tensor MWD	Tensor MWD E-Learning	Operations Practical (3 Days)	Rigsite OJT
			Maintenance Practical (3 Days)	Workshop OJT
	Tensor Gamma	Gamma E-Learning	Operations Practical (2 Days)	Rigsite OJT
	Centerfire LWD	Resistivity E-Learning	Operations Practical (3 Days)	Rigsite OJT
Centerfire LWD E-Learning		Maintenance Practical (3 Days)	Workshop OJT	
Advanced	Failure Analysis E-Learning		Directional Drilling & Surveying E-Learning	
	Drilling Dynamics E-Learning		Advanced Magnetic Surveying E-Learning	