O-LHG_MPXV203 – Linear High Grader Maintenance and Troubleshooting

Course Overview

About this course:
The course is 3 days in length. About half of the course will be lectures and examples. The remaining half will be demonstrations and hands-on, with the students using High Grader computers and a fully functional optimizer training frame equipped with all types of sensors. There will be review throughout the course to verify students have met the course objectives.

Who should attend?
The course is offered to mill electricians and support personnel responsible for daily operation, maintenance and troubleshooting of the Coe Newnes/McGehee Linear High Grader.

Pre-requisites:
To get the most out of this course it is recommended students have some familiarity with MS Windows 2000 operating systems. Prior attendance in our O-LHG-PXV101 basic course.

Course content:
- Component Layout
- Sensor System Functionality and Data Flow
- Hands-on System Maintenance and Diagnostics
- Advanced Troubleshooting Techniques

Course material:
- Student Workbook and Reference Diagrams
- PowerPoint Presentation
- Student Labs and Quizzes

Features and benefits:
- Hands-on training with experienced technicians
- Interactive training sessions using the latest Coe Newnes/ McGehee software and a “live” scanner frame
- Emphasis on maintenance and troubleshooting techniques
- Question and answer sessions

For more information contact our Technical Training group:
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Day 1

- What safety hazards exist around the Linear High Grader
- System overview
- Basic flow of data
- Component layout
- Main processing computers, NFS, BFS, DEC, LPR, MWV, XRY, FRM
- Wiring diagrams
- User interface
- Startup and shutdown procedures
- Online User Manual
- Database utilities

Day 2

- ID Printer
- Sensor replacement
- Sensor alignment
- Troubleshooting
- Diagnostic screens
- Subsystem consumers

Day 3

- Computer maintenance
- Hands-on troubleshooting on training frame