

Hydraulic Fundamentals

Duration: 1 Day

Price: \$500 per person (GST excluded)

COURSE OUTLINE

This course is intended to give knowledge and understanding of basic hydraulic principles, components, functions, graphical symbols, and systems used on Caterpillar machine systems. The candidate will acquire skills to identify, adjust, maintain, and troubleshoot hydraulic systems during classroom and practical activities.

TOPICS INCLUDE

- Basic hydraulic principles
- Hydraulic components
- Symbols
- Schematics
- Functions of various valves
- Machine applications
- Troubleshooting techniques

TARGET AUDIENCE

Service Technicians, Apprentices

LEARNING OUTCOMES

On completion of this course, candidates should be able to;

- Have a understanding of basic hydraulic principles
- Identify various hydraulic components
- Identify various hydraulic components using related symbols on schematics
- Explain the function of various hydraulic components
- Have an understanding of hydraulic troubleshooting techniques
- Explain how engine performance affects hydraulic performance

PPE REQUIREMENTS

Appropriate high visibility work attire, safety glasses, safety boots & gloves.

NOTE: This Course Description is subject to change due to product design changes and individual attendee needs and experience.

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