MOTOR GRADER

LEVEL 1

Course Overview

This 2 or 3 day course provides fundamentals of safety, equipment characteristics, operation and maintenance that apply to the motor grader. Each student will receive a combination of classroom/theory and practical/hands-on training.

Note: Each student must have their own equipment (1:1 ratio; student/equipment). This will ensure adequate practical skill development.

Classroom Topics

- Equipment Design & Function
- Electrical/Hydraulic System
- Pre-Start Inspections
- Equipment Warning Devices
- Controls Review
- Power-Train
- Effects of Soil Types & Terrain
- Grader Blade Operations

Field/Hands-On Activities

- Pre-Start Inspection
- Controls Review
- Post Operation Procedures
- Maneuvering Around Obstacles
- Grader Blade Operation
- Stability and Centre of Gravity
- Casting Windrow

Who Should Attend: Any person who is responsible for operating a motor grader.

Learning objectives: This course will help operators understand the basic operation and safety of motor grader operation. The result of this learning process are improved:

- Knowledge and conscientious attitude
- Maintenance habits
- Safety awareness and productivity

Evaluation /Documentation: Written test, oral exam and/or practical assessment (on equipment). The employer will receive a certificate of completion and a summary of training for each participant who successfully completes the course.

About the Facilitator: Developed and delivered to you by **Ground Force Training Inc.**