

TRACTOR LOADER BACKHOE

(TLB)



Course Overview

This course provides the fundamentals of safety, equipment characteristics, operation, and maintenance that apply to the backhoe. The training program begins with a one-day classroom/theory course for the student operator. Following the classroom portion, each student will receive hands-on practical training specific to their skill level.

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
- ▶ Weather Considerations
- ▶ Safety Considerations
- ▶ Controls Review
- ▶ Trenching and Filling Techniques
- ▶ Bucket and Backhoe Operation
- ▶ Power-Train
- ▶ Effects of Soil Types & Terrain
- ▶ Night Operations
- ▶ Stability and Centre of Gravity
- ▶ Work Area Clean-Up

Note: This is **NOT** an inclusive list.

Additional topics can be added to meet your specific requirements.

Field/Hands-On Activities

- ▶ Pre-start inspection
- ▶ Trenching fundamentals
- ▶ Stock piling/spoil placement
- ▶ Controls review
- ▶ Post operation procedures
- ▶ Maneuvering around obstacles
- ▶ Backhoe and bucket operation
- ▶ Excavation techniques

- ▶ Bank development
- ▶ Loading trucks

Who Should Attend: Any person who is responsible for operating a backhoe. This training is for novice or experienced operators, providing a solid foundation and building on their existing skills.

Learning Objectives: This course will help operators make better, more informed decisions in every aspect of Tractor Loader Backhoe operation. The results of this learning process are improved:

- ▶ Knowledge and conscientious attitude
- ▶ Maintenance habits
- ▶ Safety awareness
- ▶ Productivity

Evaluation/Documentation: Theory exam (multiple choice); oral exam (by instructor) and practical exam (on equipment).

Each successful participant will be provided with a course certificate and the employer will receive a written operator training summary.

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