

2017 OPERATOR TRAINING CATALOG



TRAINING MAKES A DIFFERENCE

866-843-7440

Louisiana 

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INFORMATION / REGISTRATION

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SCHEDULING

Upon request, Louisiana Cat will assist each customer in scheduling their requested training sessions.

SAFETY EQUIPMENT/ PROPER ATTIRE

Students must have approved safety glasses with side shields and wear safety shoes. Sessions involve hands on machine operating activities, suitable attire is suggested; short pants, sleeveless shirts and canvas tennis shoes are not allowed. Students dressed inappropriately will not be able to participate in exercises. Reimbursements will not be given for class costs.

MACHINE OPERATOR TRAINING

Machine operator training is broken down into a **familiarization module** that is model specific and **three operator progression levels**. These progression courses begin with teaching basic operating techniques for entry level operators and later work on sharpening the skills of the more advanced machine operators.

Benefits of machine operator training include:

- Increased operator efficiency; completing jobs before deadline.
- Increased operator awareness of equipment maintenance.
- Decreased operator accidents.
- Reduced downtime, operating and maintenance costs.
- Better company safety ratings that lowers insurance costs.



BASIC MACHINE SAFETY AND FAMILIARIZATION (CCE Models Only)

The focus of this course is to educate and familiarize experienced operators with regards to specific Custom Compact machine models. It will provide knowledge and understanding of the machines' systems and controls. This training is usually associated with the introduction and/or purchase of a new machine model.

The focus will be on the following areas:

- Safety
- Walk Around Inspection
- ISO Symbols
- Monitoring System
- Machine Controls

Duration: ½ day – Approximately 4 hours; Maximum 10 students per session

Cost: \$350.00 per ½ day session; two sessions may be held per day for extra personnel if needed for additional session charge

BASIC MACHINE SAFETY AND FAMILIARIZATION (All models with the exception of CCE Models)

The focus of this course is to educate and familiarize experienced operators with regards to a specific machine model. It will provide knowledge and understanding of the machines' systems and controls. This training is usually associated with the introduction and/or purchase of a new machine model.

The focus will be on the following areas:

- Safety
- Walk Around Inspection
- ISO Symbols
- Monitoring System
- Machine Controls

Duration: ½ day – Approximately 4 hours; Maximum 10 students per session

Cost: \$550.00 per ½ day session; two sessions may be held per day for extra personnel if needed

LEVEL I - COMPETENT OPERATOR TRAINING

This course is designed for entry-level students or untrained operators interested in or pursuing a career as a heavy equipment operator. It will provide a base foundation for students to develop their skills to operate equipment safely and proficiently. Upon completion, a Louisiana Cat training certificate will be provided.

The focus will be on the following areas:

- Operator Safety Awareness
- Walk Around Inspections
- ISO Symbols
- Monitoring Systems
- Warning Categories and Operator Reactions
- Proper Start Up and Shut Down Procedures
- Machine Controls
- Basic Operating Techniques

Duration: 1 day – Approximately 8 hours; Maximum 10 students per session

Cost: \$1,200.00 per day for CCE models; \$1,600.00 per day for all other models

LEVEL II - PROFESSIONAL OPERATOR TRAINING

This course is designed for refinement and enhancement of experienced operator skills and will be conducted at a Louisiana Cat facility. Upon completion, a Louisiana Cat training certificate will be provided.

The focus will be on the following areas:

- Refining operating techniques
- Learning application tips and information
- Safety and maintenance inspections
- Monitoring systems
- Control familiarization and applications
- Additional supervised equipment operation ("stick time").
- Coaching to fine tune experienced operator skills.

Duration: 2 days; Maximum 4 students per two day session

Cost: \$1,400.00 per student for CCE Models; \$1,675.00 per student for all other models

LEVEL III - PROFESSIONAL OPERATOR CERTIFICATION

This course is machine specific, based on Caterpillar standards, and is intended for experienced operators with refined, advanced operating skills for applicable heavy construction equipment. The training will take place at a Louisiana Cat facility. Participants that successfully demonstrate machine proficiency earn a Certificate of Registry and a personalized belt buckle from Caterpillar, Inc.

Note: Participants that do not meet Certificate of Registry standards will receive a Certificate of Participation.

The focus will be on the following areas:

- Review of Level 1 and 2 training
- Written Safety Evaluation
- Written Technical Evaluation
- Evaluation of the experienced operator's skill set
- Operator and application proficiency, by machine family, in a number of applications
- Certification through demonstration of skills in completing established tasks to course standards

Duration: 3 days

Fee: \$1,975.00 per student; Maximum 5 students per session

VIRTUAL MACHINE SIMULATOR TRAINING

Louisiana Cat's virtual simulator training is an easy to use, cost effective and reliable heavy equipment simulator operator training program. Our virtual simulator offers the latest software technology that allows heavy equipment operators to receive the training they need.

Benefits of the virtual simulator training include:

- Improved safety with reduced risks to machines, employees, and property
- Increased production
- Better training flexibility
- Reduced costs for training and machine operation
- Decreased production loss by minimizing the use of production machines for training



The following virtual simulator programs are available:

TRACK TYPE TRACTOR

This entry level operator training is designed to train and orient an entry level operator on basic machine operation, skills and application knowledge. The simulator features the same joystick controls found on new X-Series dozers.

The simulator is equipped with a motion platform that allows the user to feel vibration and movement when the simulated machine is running during training exercises.



Cost: \$1,000.00 per day

HYDRAULIC EXCAVATOR

This entry level operator training is designed to train and orient an entry level operator on basic machine operation, skills and application knowledge. The Hydraulic Excavator simulator features a variety of programs from skills test to bucket placements and loading of trucks.

Training exercises include:

- Machine Walk Around
- Controls Familiarization
- Bucket Placement
- Loading & off-Loading the Machine from a Lowboy Trailer
- Trenching
- Truck Loading
- Bench Loading
- Setting a Trench Box & Pipe
- Backfilling
- Completing a Production Cycle
- Using a Quick Coupler



Cost: \$1,100.00 per day

ARTICULATED TRUCKS

This entry level operator training is designed to train and orient an entry level operator on basic machine operation, skills and application knowledge. The Articulated Truck simulator system features authentic controls combined with simulated applications. It also features an oscillating hitch system that separates the front from the bed/back. Learning how the truck handles in the safety of the virtual environment will help alleviate many of the issues associated with tipping and driving such a large piece of heavy equipment on an actual worksite.



Cost: \$1,100.00 per day

TELEHANDLER – OPERATOR TRAINING

Operator Training for Telehandlers consists of 9 modules which include:

Module 1 – Introduction to Telehandlers

Upon completion of this module, participants will be able to:

- Define a Telehandler
- Identify which classifications of powered industrial truck the telehandler belongs

Module 2 – Agencies, Regulations and Requirements

Upon completion of this module, participants will be able to:

- Identify the agencies involved with regulating telehandlers
- Identify the regulations and standards that govern the manufacture and use of telehandlers
- State the training requirements for telehandler operators

Module 3 – Manuals, Decals, and Placards

Upon completion of this module, participants will be able to:

- List the manuals required to be stored on all telehandlers
- State the purpose and use of the Operation and Safety Manual
- Describe the importance of safety decals and placards

Module 4 – Major Components

Upon completion of this module, participants will be able to:

- Describe the meaning of the nomenclature of telehandlers
- Identify the name and location of the major components of telehandlers

Module 5 – Telehandler Controls

Upon completion of this module, participants will be able to:

- Describe the location of controls and indicators
- Describe the purpose and function of operator controls and indicators on a telehandler

Module 6 – Telehandler Safety

Upon completion of this module, participants will be able to:

- List the four “OSHA Focus Four Hazards” in construction
- Describe how the OSHA Focus Four Hazards may be useful in reducing accidents when operating a telehandler

- List four hazards specific to telehandler operation and describe the means to eliminate each hazard.

Module 7 – Telehandler Stability

Upon completion of this module, participants will be able to:

- Explain the telehandler stability triangle
- Explain the term “lateral stability” as it applies to a telehandler
- Explain the term “longitudinal stability” as it applies to a telehandler
- Explain the term “center of gravity” as it applies to a telehandler
- List the factors that affect stability

Module 8 – Using Capacity Charts

Upon completion of this module, participants will be able to:

- Identify the location of the capacity chart
- Read a capacity chart to determine the maximum capacity of the machine for the height and distance at which a load is to be placed
- Describe the process for performing a dry run
- Identify attachment/fork capacity

Module 9 – Properly Operating a Telehandler

Upon completion of this module, participants will be able to:

- List the types of inspections that are required of the operator and when they must be performed
- List the five steps to safe and proper operation
- List considerations when selecting a telehandler for a job
- Explain the differences between a telehandler and an automobile
- Describe the procedure for leveling a telehandler
- Explain the proper way to operate the machine controls
- Explain what action must be taken if the inspection and/or checks reveal a problem or malfunction with the machine.

DURATION: 1 day; Maximum 8 students per session

COST: \$195 per student

AERIAL WORK PLATFORM – OPERATOR TRAINING

Operator Training for Aerial Work Platforms (AWP) consists of 7 modules which include:

Module 1 – Introduction to Aerial Work Platforms

Upon completion of this module, participants will be able to:

- Define a Aerial Work Platform (AWP)
- Describe the various classifications of AWP

Module 2 – Agencies, Regulations and Requirements

Upon completion of this module, participants will be able to:

- Identify the agencies involved with regulating AWP
- Identify the regulations and standards that govern the manufacture and use
- State the training requirements for AWP operators
- Describe the difference between General Training and Familiarization

Module 3 – Manuals, Decals, and Placards

Upon completion of this module, participants will be able to:

- List the manuals required to be stored on all AWP
- State the purpose and use of the Operation and Safety Manual
- Describe the importance of safety decals and placards

Module 4 – Major Components

Upon completion of this module, participants will be able to:

- Describe the meaning of the nomenclature of AWP
- Identify the name and location of the major components of AWP

Module 5 – Aerial Work Platform Controls

Upon completion of this module, participants will be able to:

- List controls common to most AWP
- Describe purpose and function of operator controls and indicators on a typical boom lift
- Describe purpose and function of operator controls and indicators on a typical scissor lift
- Describe purpose and function of operator controls and indicators on a typical vertical mast lift
- Describe purpose and function of operator controls and indicators on a typical towable boom lift.

Module 6 – Aerial Work Platform Safety

Upon completion of this module, participants will be able to:

- List the four “OSHA Focus Four Hazards” in construction
- Identify the appropriate personal fall protection equipment required for an operator of an AWP
- Describe how the OSHA Focus Four Hazards may be useful in reducing accidents when operating an AWP
- List four hazards specific to AWP operation and describe the means to eliminate each hazard
- List the factors that can affect machine stability

Module 7 – Properly Operating an Aerial Work Platform

Upon completion of this module, participants will be able to:

- List the types of inspections that are required of the operator and when they must be performed
- List the five steps to safe and proper operation of AWP
- Describe the best practices for operating a AWP
- Explain what action must be taken if the inspection and/or checks reveal a problem or malfunction with the machine.

DURATION: 1 day; Maximum 8 students per session

COST: \$195 per student

HEAVY EQUIPMENT OPERATOR TRAINING REQUEST			
CUSTOMER NAME:			
TRAINING LOCATION:			
CONTACT NAME/PHONE AT TRAINING SITE:	NAME		
	PHONE		
TYPE OF TRAINING REQUESTED: (Check one or List Other)		CAB CONTROLS & WALK AROUND	
		DEMO & DELIVERY	
		OTHER (List type)	
MACHINE MODEL:			
MACHINE SERIAL:			
PURCHASE ORDER: (**Must be provided before Training occurs)			
ACCOUNT FOR INVOICING:			
YOUR NAME:			
YOUR PHONE:			
OTHER NOTES OR SPECIAL INSTRUCTIONS:			