



New Task Training Form Record
30 CFR 46

Task: The Operation of a 160-C Excavator

Equipment # : BH: 86 & 87

Objectives: Employee will demonstrate safe operating procedures for operating a 160-C Excavator as well as to correctly understand the safety signs that are posted on the equipment.

Training Material: Copy of the Owner's Instruction Manual
 Company Designated Training Person

A.) Training Methods: Review the following sections of the owner's instruction manual and discuss with the designated training person.

(Owner's Instruction Manual)

(Designated Training Person)

Safety Section:

- *Safety Messages pg. 1:5:1
- *Crushing & Cutting Prevention pg. 1:3:3
- *Before Starting Engine pg. 2:2:1
- *Before Operation pg. 2:2:1 - 2:2:12
- *Use steps & hand holds pg. 1:3:1
- *Parking pg. 2:2:14
- *Hydraulic Power Lose (Trainer)
- *Guards (Trainer)
- * Working Ranges pg. 4:6:4 -4:6:13
- *Operating near electrical lines (Trainer)
- *Visibility Information (Trainer)
- *Slope Operation pg. 1:3:4

- Explain to the trainee what the signs around the equipment mean.
- Show the crush points & possible pinch points on the piece of equipment
- Show & Explain how to do a full pre-shift inspection
- Explain how to check the gauges before moving
- Demonstrate proper mounting and dismounting, and how to position the machine to do this safely
- Demonstrate proper parking procedures
- Explain what to do if there is a lose of hydraulic power
- Show the trainee the R.O.P. system and how to use the specially designed hammer to fracture the window.
- Explain the load capacity of different buckets, and with the addition of a extension boom
- The boom reach and travel is high and long, so the trainee needs to understand the danger of powerlines
- Explain the limits of visibility of the piece of equipment during the operation, show how objects can have a restricted view from the blind spots
- Operation of the equipment on a slope will decrease the stability of the machine and needs to have an experienced operator doing such an operation

B.) Discuss / Demonstrate: Discuss / demonstrate the following job responsibilities and the hazards associated with operation.

1.) Pre-Operational Checks

- Back-Up Alarm - Test
- Cooling System Coolant Level - Check
- Indicators & Gauges - Test
- Boom - Inspect
- Track Pads - Check
- Bucket - Inspect

- Breaking System - Test
- Engine Oil Level - Check
- Seat Belt - Inspect
- Transmission & Hydraulic system oil level - Check
- Windows - Clean
- Auto-Lube - Check

2.) Proper starting and operational techniques

- Before starting; make sure to know how to make adjustments to the seat & seat belt
- Know how to work the work lights
- Positioning of the machine to dig
- Windshield Cleaning Techniques
- Joystick Control
- Windshield wipers
- Seat Stabilizer Mode
- Precaution of under-mining of the machine
- Load capacity of the bucket

3.) Operation of the machine

- The designated company trainer will observe the trainee as he/she moves loads from a location to another location.

- If the trainee fails to show proper operating procedures, the trainer will go back over the information for the failed procedure. Once covered material is covered the trainer will re-observe the trainee perform the task again until the trainer is satisfied that the trainee has the proper skills to perform tasks with this piece of equipment.

C.) The remainder of the task training will be accomplished through the employee (trainee) practicing the operational steps while being closely observed by a competent trainer while performing the task. When the competent person states that the newly-assigned employee has demonstrated proficiency in performing the task safely, the task training will be considered completed. Once completed; the signatures of both employees is required below.

Completed _____ (Print Name)
Date: _____ **Trainee:** _____
Completed _____ (Print Name)
Date: _____ **Competent Person:** _____

Duration of Training: _____

Company Name: Thelen Sand & Gravel, Inc.

Mine ID#:	11-01228	47-03434	11-03221
&	&	&	&
Location: (Circle One)	Antioch Pit	Lange Road Pit	Peterson Pit

Trainee (signature): _____

(I certify that the above training has been completed)

Competent Person (signature): _____
 (Signature of person responsible for health and safety training)

****False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety and Health Act****