



**New Task Training Form Report**  
**30 CFR Part 46**

**Task: The Operation of a Northwest 190D Crane**  
 Equipment # : CR: 8, 9, 11

Objectives: Employee will demonstrate safe operating procedures for operating a 190-D Crane 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)

**Operation of the Crane**

- \*Controls & Instruments pg. 2-2 thru 2-9
- \*Pre-shift Inspection pg. 1530A - 1539
- \*Crane Hand Signals: (Trainer)
- \*Load Operation Chart pg. B-180
- \*Rotating base & brake: pgs 1525A - 1622A
- \*Travel Base & Brakes: pgs 1639 - 1650
- \*Hydraulic Power Lose (Trainer)
- \*Boom Inspection: (Trainer)
- \*Cable inspection: (trainer)
- \*Operating near electrical lines (Trainer)
- \*Visibility Information (Trainer)
- \*Slope Operation (**Trainer**)

(Designated Training Person)

Explain and demonstrate how each control inside the cab works, and how it should be properly done  
 Go thru the complete walk thru of how the machine should be inspected every time it goes into use  
 Go over the hand signals that a spotter will give  
 Explain how to read the weight chart do to set-up  
 Demonstrate the rotation of the machine while unloaded and fully loaded, and how to apply the clutch brake  
 How to travel inbetween dig locations  
 Explain what to do if there is a lose of hydraulic power  
 Explain and instruct how to visibly inspect the boom for cracks or any other kind of defects  
 Inspect the cable around the drum, and at the connection points to see if there are any break points.  
 Explain to the trainee of the danger with the length of the boom in relationship to powerlines that are close  
 Explain the necessity of the spotter and how to obey what the spotter is indicating for movement of the load since the spotter has the best visibility  
 The crane should never be operated where the crane is in a sloped position. The crane should only be operated on fairly level ground, and when it itself is level.

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

1.) Pre-Operational Checks

- Bucket - Checked
- Cooling System Coolant Level - Check
- Indicators & Gauges - Test
- Boom - Inspect
- Track Pads - Check
- Turn-Table drift switch - Test

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

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 lift
- Windshield Cleaning Techniques
- lever winch, and boom controls
- Windshield wipers
- Air Supply System
- Precaution of a un-level machine
- Load capacity in respect to the set-up of the crane

3.) Operation of the machine

- The designated company trainer will observe the trainee as he/she lifts loads from a location out in the pond, and draw it into land.

- 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:** \_\_\_\_\_

\_\_\_\_\_ (Print Name)  
**Completed** \_\_\_\_\_ **Competent**  
**Date:** \_\_\_\_\_ **Person:** \_\_\_\_\_

**Duration of Training:** \_\_\_\_\_

**Company Name:** Thelen Sand & Gravel, Inc.

<b>Mine ID#:</b>	11-01228	47-03434	11-03221
&	&	&	&
<b>Location:</b> (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\*\***