



**Operator Apprentice Performance Evaluation Checklist (PEC)**

**Field Trainer:** Please place your initials and the date next to each section when successfully observed or verified.

**Apprentice Pre-Requisites**

1. Read the Serco Truck and Trailer Mount Loader Owner/Operator Manual and completed the familiarization test.
2. Read and discussed the Remote Drive Unit Operator Manual with the Field Trainer.

**Operator Apprentice Training - Phase 2**

**1. Use of Controls:**

**Initials:** \_\_\_\_\_ **Date:** \_\_\_\_\_

- a. Swing pedal
  - Swing left
  - Swing right
- b. Squirt Boom Pedal
  - Boom Out
  - Boom In
- c. Stabilizers
  - Left up and down
  - Right up and down
- d. Joysticks
  - Main boom up and down
  - Grapple open and close
  - Jib boom in and out
  - Grapple rotate left
  - Grapple rotate right

**2. Operating the truck on hi-rail “Remotely” from the loader seat.**

**Initials** \_\_\_\_\_ **Date:** \_\_\_\_\_

- a. Sound horn
- b. Remote “Controls”
- c. Move the truck forward and in reverse
- d. Safe speeds and stopping distances

### 3. Manipulating material with grapple:

Initials: \_\_\_\_\_ Date: \_\_\_\_\_

- a. Brake rail using the grapple
- b. Pick up rail using grapple
- c. Place the rail on rail tie cart
- d. Release the rail

### 4. Selection of stock pile location:

Initials: \_\_\_\_\_ Date: \_\_\_\_\_

- a. Sufficient distance from a crossing
- b. Easily accessible by trucks
- c. Clear of power lines
- d. Area, when possible, to pull rail sufficiently away from the track as to not require track protection to safely load trucks
- e. Adequate access without having trucks cross private property

### 5. Off Loading carts and stacking rail:

Initials: \_\_\_\_\_ Date: \_\_\_\_\_

- a. Place cones to identify pile boundaries
- b. Remove rail one stick at a time
- c. Neatly stack rail on pile (ball up if possible)

### 6. Changing over from grapple to magnet:

Initials: \_\_\_\_\_ Date: \_\_\_\_\_

- a. Hydraulic lines and quick disconnects
- b. Magnet leads
- c. Magnet chain sling

### 7. Manipulating Material with Magnet:

Initials: \_\_\_\_\_ Date: \_\_\_\_\_

- a. Familiarization with Magnet Controls
- b. Place magnet above OTM
- c. Energize the magnet
- d. Sweep to pick up OTM
- e. Move magnet to bed location
- f. De-Energize magnet

**8. Off-Loading OTM with Magnet:**

**Initials:**\_\_\_\_\_ **Date:**\_\_\_\_\_

- a. Energize magnet over OTM
- b. Move OTM to pile
- c. De-Energize magnet and stack OTM

**9. Properly marking stock piles:**

**Initials:**\_\_\_\_\_ **Date:**\_\_\_\_\_

- a. Ends painted to make easily recognizable
- b. Paints OT
- c. Number of pieces of rail (changes each time loading out)
- d. Project number
- e. GPS coordinates

**10. Loading rail on to flatbed truck:**

**Initials:**\_\_\_\_\_ **Date:**\_\_\_\_\_

- a. Safety precautions/briefing the driver
  - i. Remain in the cab or out of the red zone
  - ii. Secure chains AFTER truck is loaded and grapple secured
- b. Properly place rail on the flatbed
  - i. Knowing the number of rail to load based on maximum weight for truck.

**11. Loading rail and OTM into a railcar:**

**Initials:**\_\_\_\_\_ **Date:**\_\_\_\_\_

- a. Inspect the railcar: operable handbrake, brake riggings/shoes, safety appliances, coupling/uncoupling levels, trainline/air hoses, air brake parts, wheels and bearings, and car structure
- b. Safely load rail with grapple or OTM

Operator Apprentice \_\_\_\_\_ has adequately displayed the skills and knowledge's specified in this Performance Evaluation Checklist.

Field Trainer Signature: