



Colorado & Southern Railway Company

ENGINE FOREMAN GUIDE

Engine Foreman Duties

The Engine Foreman services all engines needed to run the railroad. Duties include:

1. With Yard Master direction, determine motive power needs in advance of call.
2. Move engines to and from yard arrival/departure tracks at direction of Yard Master.
3. Service engines upon arrival according to railroad standards and hold them on the ready track until called by Yard Master.

Rice Yard Engine Service Tracks

The Engine Lead connects to the Steam Service Tracks (yellow), the Diesel Service Track (red), and the Ready Track (red). Steam engines entering the Steam Service Tracks are left hand running, in other words, keep left when moving the engine forward. (You'll need to figure out what to do when backing up!) Thus the Inbound Track is next to the coal tower, and the Outbound Track is away from the coal tower. Both tracks lead to the turntable and the roundhouse. Diesel engines use the Outbound Track to travel to and from the turntable.

Turntable

To use the turntable at Rice Yard, run the equipment onto the table and turn the table switch to select either a clockwise or counter-clockwise direction and power setting. The first notch in either direction is low power for light engines or when approaching the target track (and is **always** used for turning an empty table). The second notch is more powerful for heavy engines. Power must be routed to the appropriate roundhouse track by the adjacent switch.

Locomotive Servicing Standards & Times (Activate sounds in bold.)

Steam engines upon arrival are serviced on the Inbound and Outbound Tracks as follows.

1. Drop ashes and clean firebox at ash pit (10 minutes).
2. Clean running gear (10 minutes).
3. Fill tender with **water**. (10 minutes).
4. Head into roundhouse for mechanical inspection (30 minutes).
5. Leave roundhouse; turn for appropriate departure direction.
6. Fill **sand** dome (5 minutes).
7. Fill tender with **fuel** or **coal**, and **water** (15 minutes).
8. Park on Ready Track or move to train on Arrival/Departure Track as directed.

Diesel engines upon arrival are serviced on the Diesel Service Track as follows.

1. Mechanical inspection and **fueling** (15 minutes).
2. Fill **sand** reservoir (5 minutes).
3. Turn on Turntable for departure direction if necessary.
4. Park on Ready Track or move to train on Arrival/Departure Track as directed.

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