Conductor/Engineer:

Job Description:

The conductor/engineer position will be to control and coordinate the train movements while switching railcars whether in the yard of a railroad, industrial plant, or similar location to facilitate the unloading and loading of railcars in a safe and efficient manner to service our customers. This position is a manual labor position which requires that the individual become proficient in the following skills, duties, and requirements within a prescribed training and introductory period.

Essential Duties and Responsibilities:

- Demonstrate predictable, reliable, and timely attendance.
- Follow written and verbal directions to complete assigned tasks on schedule.
- Read, write, and communicate in English & understand basic math.
- Learn from directions, observations, and mistakes and apply procedures using good judgment
- Inspects locomotive before run to verify specified fuel, sand, water, and all FRA requirements.
- Reads switching orders from designated person.
- Observes radio and hand signals in yard or in cab and operates locomotive in accordance with railroad rules and regulations.
- Observes arm or lantern signal and moves controls to move locomotive backwards or forwards to switch and couple cars; or receives starting signal and moves control; such as throttle and air brakes to operate locomotive.
- Reads and interprets wayside signals, track warrants and bulletins, and railroad rules and regulations to operate locomotive, following safety rules and regulations and time schedule.
- Talks to crew or other yard workers via radio to give or receive switching information.
- Confers with train dispatcher via radio to issue or receive information or instructions concerning stops, delays, or oncoming trains.
- May assist workers to throw switches or perform other activities involved when performing switching operations.
- Turns hand brake wheel or ratchet type brake as well as apply and release handbrakes.
- Observes track to detect obstructions.
- Inspects locomotive after run to detect damaged or defective equipment.
- Maintains records, number, origin, destination, and cargo of cars switched.
- May coordinate activities of switching crew from locomotive cab, caboose, or control tower.
- Raises coupling lever to couple or uncouple cars.
- Throws track switches to facilitate shunting of cars and signals Engineer to move cars, using lantern, hand signals or radio.
- Connects air hose to cars when making up trains by bending and applying force.
- May set warning signals, such as flares, flags, or lanterns at front of and at rear of train during emergency stops to warn oncoming trains.
- Sits or rides in cab of locomotive to observe signals from other crew members.
- May make minor repairs to couplings, and air hoses and report any equipment requiring major repairs.
- Performs other duties as requested or required

Machines, Tools, Special Equipment, Personal Protective Equipment Used:

Hammers, ratchets, chisel, pry bar, wrenches, and brushes.

PPE; hard hat, vest, safety glasses, FR clothing, gloves, steel toed boots

Requirements:

High school education or general education development (GED).

Ability to pass training and required testing.

PHYSICAL REQUIREMENTS

Frequency Scale	Strength	Work Pattern	
N = Never	☐ Sedentary	☒ Full-time	
S = Seldom (1-10 %, up to 48 min)	☐ Light	☐ Part-time	
O = Occasional (11-33%, 48 min. – 2 hr 25 min)	☒ Medium	☐ Seasonal	
F = Frequent (34-66%, 2 hr 26 min – 5 hr 35 min)	☒ Heavy	10-12	Hours Per Day
C = Constant (67-100%, more than 5 hr 35 min)	☐ Very Heavy	5	Days Per Week

PHYSICAL DEMANDS		FREQUENCY					ACTIVITY DESCRIPTION
	% Time	**N**	**S**	**O**	**F**	**C**	Varies between location and circumstances
Sitting	40%-60%				X		Riding in locomotive or vehicle; doing paperwork
Standing	20%				X		Waiting on engine to clear switch; directing train movements
Walking	20%-40%				X		Inspecting cars; Performing air tests; Positioning self in safe area

Lifting floor – waist	**N**	**S**	**O**	**F**	**C**		50 lbs- Occasionally Up to 85 lbs seldom
		X	X			lbs.	
Lifting waist–shoulder	**N**	**S**	**O**	**F**	**C**		20-40 lbs.
			X			lbs.	
Lifting above shoulder	**N**	**S**	**O**	**F**	**C**		up to 40 lbs.
		X	X			lbs.	
Carry (Dist.)	**N**	**S**	**O**	**F**	**C**		Up to 40 lbs.; up to 100ft.- Frequently Up to 40 lbs.; 100 ft. to 1000 ft. - Occasional
			X	X		lbs.	
Pushing/ Pulling	**N**	**S**	**O**	**F**	**C**	Minimal	20- 40 lbs
			X			lbs force	

	N	**S**	**O**	**F**	**C**	
Climbing				X		Climbing ladders, stairs, slopes
Balancing				X		Climbing on and off equipment, ability to withstand quick start/stop jolts
Stooping / Bending				X		Inspecting train, looking at brakes,
Twisting*			X	X		Pulling uncoupling levers, tying handbrakes, looking out back window at train
Squatting / Kneeling			X			Connecting air hoses, Inspecting Locomotive
Crawling	X					
Foot Controls		X				Use foot controls on flat car staff brakes when applicable

	N	S	O	F	C	
Reaching Forward (Level)				X		Reaching as a function of climbing and tying handbrakes, operating controls of locomotive
Below Waist				X		Connecting air hoses, uncoupling levers, picking items off the ground
Above Shoulder				X		Climbing ladders, handbrakes, operating controls over the head
Handle/Grasp				X		Switches, pin lifers, ladder rungs, ETDs, handbrakes, FRED
Fine Finger Manipulation			X			Typing or writing lists
Hand Controls				X		Arming ETD & FRED
Repetitive Motion				X		Body part: Hands Cycles/hr.
Vibratory Tasks**			X			Operating controls, sitting within cab of locomotive, slack action

	N	S	O	F	C	
Talking				X		
Hearing					X	

Hearing/Visual:

DOT vision/hearing exam requirements

ENVIRONMENTAL CONDITIONS	FREQUENCY						ENVIRONMENTAL CONDITIONS	FREQUENCY				
	N	S	O	F	C			N	S	O	F	C
Exposure to Weather				X			Noise Intensity				X	X
Extreme Cold			X				Atmospheric Conditions					X
Extreme Hot			X				Exposed Heights				X	
Wet and / or Humidity			X				Exposure to Electricity		X	X		
Proximity to Moving Mechanical Parts/Equipment				X			Exposure to Toxic / Caustic Chemicals		X			
Exposure to Explosives		X					Exposure to Radiation		X			