



DIESEL TRAIN ENGINEER, eBART

JC: 000156
PG: 651
FLSA: Non-Exempt

BU: 10 (ATU)
Created: February 2017

Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.

DEFINITION

Under general supervision safely operates and maintains revenue and non-revenue eBART trains and equipment within the dedicated eBART railroad, stations and maintenance facility limits within strict compliance with state regulations and eBART rules, policies and procedures.

CLASS CHARACTERISTICS

This is a full journey level classification responsible for the operation of the Diesel Multiple Unit (DMU) trains, including acceleration, braking, door control, communications, inspections, performance and troubleshooting diagnostics. Follows both written and verbal “train orders” communicated from the Central Train Control (CTC) dispatcher, visually identifies, acknowledges and responds to common railroad control signage and signal systems to safely operate the trains. As necessary will assist in the cleaning, switching, train makeup and passenger assistance at stations and on board. Performs related duties as required and assigned.

REPORTS TO

This classification reports to Assistant Superintendent Operations - eBART and/or his/her designee.

EXAMPLE OF DUTIES: – *Duties may include, but are not limited to, the following:*

1. Operates eBART diesel multiple unit DMU train according to all eBART rules, regulations, policies and procedures.
2. Transports passengers in a safe manner according to the train schedule and other service requirements.
3. Responsible for reviewing and understanding all wayside and cab signals, track warrants and bulletins.
4. Responsible for operating the train in a safe manner by applying knowledge of territory, including terrain, grades, and curves in order to promote ride quality.
5. Responsible of inspecting DMUs before and after run for operational readiness.
6. Diagnoses malfunctions and performs minor maintenance and servicing activities.

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7. Responsible for troubleshooting mechanical issues as necessary.
8. Communicates with train dispatchers, supervisors, and other personnel by radio to exchange information and receive instructions including stops, delays, oncoming trains, or other unusual conditions.
9. Responsible for all onboard customer communication.
10. Corresponds with management and customers in the event of emergencies and functions as the initial on-scene incident coordinator in the event of emergencies, and coordinates with security and emergency personnel, including BART.
11. Observes radio and hand signals in yard or in cab and operates train in accordance with railroad rules and regulations.
12. Performs train cleaning activities and other platform cleaning duties as necessary.
13. Responsible for yard duties such as fueling, washing and sanding.
14. Responsible for moving revenue and non-revenue vehicles through the yard and maintenance facility as directed by dispatch or other eBART personnel.
15. May be required to throw switches or perform other activities involving switch operations.
16. Notifies proper authorities and prepares reports to explain unusual occurrences, accidents, or delays.
17. Performs other duties as assigned.

This classification will be engaged in other duties as assigned without regard to limitations of job descriptions in order to maximize the efficient delivery of eBART services.

QUALIFICATIONS

Knowledge of:

Methods and techniques of dealing effectively with varied groups and individuals under both routine and emergency circumstances.

Operating and safety rules governing the movement of trains.

The use of basic office equipment, such as a phone, computer, keyboard and printer.

Driving a DMU.

Federal Railway Administration (FRA) certified locomotive engineer.

Experience in a GCOR (General Code of Operating Rules) operating environment.

Skill in:

Interpreting and applying oral and written instructions in a consistent manner.

Dealing with individuals from various socio-economic groups, including the disabled in a tactful, calm and confident manner.

Completing forms and reports clearly and accurately.

Observing and detecting unusual, hazardous, or emergency situations and taking appropriate action within prescribed guidelines.

Communicating effectively using a two-way radio, telephone and public address system.

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Troubleshooting mechanical conditions.

Performing train servicing functions including washing, fueling, sanding and cleaning.

Maintaining a constant state of alertness and work in a safer manner.

Communicate orally in a clear, concise, articulate manner with customers, supervisors and Central Train Control (CTC).

Other Requirements:

Must be able to obtain and maintain eBART certification as a DMU Engineer.

Retain a valid class "C" California Driver's License and satisfactory driving record.

Must be able to obtain eBART DMU Engineer certification within certification period.

Must know and follow all general railway safety rules and procedures in the performance of duties, in, on and around an active railroad environment including stations, shops, layover tracks, bus bays and parking lots including Roadway Worker Protection (CPUC-GO175) (Title 49 CFR 213.7.).

Must be able to constantly visually distinguish colors and symbols, hear, sit for prolonged periods of time, drive a motorized vehicle and utilize manual dexterity to grasp objects.

Must have manual dexterity and good eye-hand coordination.

Must be able to regularly stand, walk, climb and reach overhead.

Demonstrates clear, effective oral, written and verbal communication skills in English to communicate verbal instructions over radios and read written instructions.

Must meet vision and color recognition requirements for signal recognition and repair.

Must be willing to work off-hour shifts, holidays and weekends beyond your regular scheduled hours.

Requires maintaining physical condition necessary for bending, crouching, crawling, balancing and climbing, walking long distances over uneven terrain, lifting 50 lbs.

MINIMUM QUALIFICATIONS

Education:

Possession of a high school diploma, GED or recognized equivalent.

Experience:

Five (5) years verifiable railroad or rail transit operations or maintenance experience. Experience as a Railroad or Rail Transit Dispatcher, Train Controller, Road Foreman or Train Master.

WORKING CONDITIONS

Environmental Conditions:

The physical demands and work environment are characteristic of a train, station and yard environment.

Work is done in confined spaces, primarily but not exclusively in an operating cab.

Some work is performed outdoors, and is subject to inclement weather.

Subject to external road noise as well as noise within the train yard.

Physical Conditions:

Requires regular standing, walking, climb and reach overhead.

Requires maintaining the physical condition necessary for sitting for prolonged periods of time and for walking, bending, stooping and climbing.

BART EEO-1 Job Group: 4500 – Train Operators

Safety Sensitive: Yes