

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: SLU Streetcar Maintainer

DEPARTMENT: Transportation, Transit

WORK SCHEDULE: 40/week

JOB DESCRIPTION: The SLU maintainer will perform general maintenance and inspections for the vehicles and associated with those inspections.

WORK ENVIRONMENT: Shop/Outdoors

ESSENTIAL FUNCTIONS: Perform diagnostics, troubleshooting and repair of electronic propulsion systems of the type found on Metro Transit's trolley busses. Perform diagnostic, troubleshooting and repair of fare. Collection systems, electronic destination signage, PA systems, electronic displays and other electronic systems typically found on transit vehicles. Perform thorough preventative maintenance inspections in accordance with manufacturer's guidelines; make routine mechanical repairs and adjustments. Troubleshoot systems and locate causes of electrical, electronic and mechanical problems. Use test equipment, typical shop tools, torque wrenches, multimeter, power supplies, oscilloscopes and PTUs. Check and inspect the condition of SLU Streetcars; report and repair defects such as defective lights, body damage, interior damage, and operating defects. Maintain cleanliness and safety of shop area. Tag and document defective parts. Perform vehicle recovery duties including towing/pushing disabled vehicles; assist with re-railing of cars, as necessary, move cars around the yard and shop. Clean interior and exterior of SLU streetcars by hand washing and steam cleaning, using a variety of solvents, soaps, cleaning chemicals and tools; remove trash and debris from streetcars. Ensure that established inventory levels are maintained; use M5 to enter parts and labor on work orders, maintain parts inventory and retrieve maintenance schedules; receive parts. Check and replenish consumables such as wiper fluid and sand. Prepare and maintain a variety of records and reports. Perform track sweeps, check rails and switches as needed. Perform related duties as assigned.

Exposures:

- Outside weather
- Non-weather related temp below 55°
- Non-weather related temp above 75°
- Humidity/dampness
- Moving mechanical parts
- Exposed high places
- Vibration
- Toxic or caustic chemicals
- Confined spaces
- Wet
- Fumes
- Gasses
- Dusts
- Radiation
- Odors
- Mists
- Explosives
- Noise Level 100 DBL
- Other _____

Special Requirements:

- CDL
- Respirator use

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 2 hours
Walking <input type="checkbox"/> uneven terrain	2 – 3 hours
Sitting	2 – 3 hours
Climbing stairs	30 – 45 min
Climbing <u>ladder</u>	0 – 10 minutes
Balancing	5 – 25 minutes
Bending/Stooping	20 min – 1 hour
Kneeling	30 min – 1.5 hour
Crouching	30 min – 1.5 hour
Crawling	0
Foot controls	30 min – 1.5 hour
Reaching above shoulders	10 – 30 minutes
Reaching waist-shoulder	30 min – 1.5 hour

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	1 – 2 hours
Reaching floor-knee	30 – 45 minutes
Lifting/Carrying 1-10#	30 min – 1 hour
Lifting/Carrying 11-20#	10 – 30 minutes
Lifting/Carrying 21-50#	0 – 5 minutes
Lifting/Carrying 51-100#	0
Lifting/Carrying 100+#	0
Handling	1 – 2 hours
Hand Controls	30 min – 1.5 hour
Fingering <input checked="" type="checkbox"/> keyboarding	30 min – 1.5 hour
Vision to assure safety of others	30 min – 1 hour
Hearing to assure safety of others	30 min – 1 hour
Other	

I have reviewed the following Job Analysis for the above-named candidate.

Physician's Signature

Date