

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Track & Row Maintainer

DEPARTMENT: Transit/Light Rail

WORK SCHEDULE: 40/week

JOB DESCRIPTION: Performs skilled journey-level trades work to troubleshoot, diagnose, maintain, repair, upgrade and conduct comprehensive preventive maintenance on track, structures and associated items such as direct, embedded and ballasted track; special track work; track switches; aerial and tunnel structures and supports; retaining walls; fencing; and associated equipment and components.

WORK ENVIRONMENT: Field with some office/vehicle.

ESSENTIAL FUNCTIONS: Conduct component and system fault diagnosis, inspection, testing, modification, maintenance and repair of assigned equipment and systems; Inspect, repair and maintain equipment and components such as ties, track, ballast, crossing panels, track switches, track fixation, crossovers, track frogs, aerial structures, tunnel structures; retaining walls; drainage structures; fencing; and associated equipment and components. Participate in the development and implementation of a comprehensive preventative maintenance program for track, structures and associated features of the light rail system; prepare records and document maintenance and diagnostic data. Operate switch machines under revenue and non-revenue conditions.

Operate common and specialized tools and equipment to perform inspection, maintenance and repair tasks.

Set up work zone traffic control areas; flag trackway to provide safe rail work zones. Respond to emergency situations. Prioritize and determine work priorities for emergency maintenance tasks in the absence of on-site supervision. Plan, schedule and coordinate maintenance activities and work with other trades and divisions; assist other trades as necessary. Operate specialized vehicles and equipment including hy-rail and aerial lift equipment. Perform snow and ice removal. Perform other duties as assigned. When working as a Lead Rail

Track and Row Maintainer: Assist in workload planning, prioritizing and assigning of work schedules. Monitor maintenance work in progress. Investigate and resolve citizen complaints. Assist in the training of other Track and ROW Maintenance workers.

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
- Gasses
- Fumes
- Odors
- Dusts
- Mists
- Radiation
- Explosives
- Noise Level 110 DBL
- Other _____

Special Requirements:

- CDL
- Respirator use

***Continued on next page.

| PHYSICAL DEMAND | HRS PER SHIFT |
|--|------------------|
| Standing | 1 – 6 hours |
| Walking <input checked="" type="checkbox"/> uneven terrain | 1 – 7 hours |
| Sitting | 30 min – 4 hours |
| Climbing stairs | 0 – 30 minutes |
| Climbing <u>ladder</u> | 0 – 30 minutes |
| Balancing | 0 – 1 hour |
| Bending/Stooping | 30 min – 4 hours |
| Kneeling | 30 min – 4 hours |
| Crouching | 30 min – 4 hours |
| Crawling | 0 |
| Foot controls | 0 – 3 hours |
| Reaching above shoulders | 0 |
| Reaching waist-shoulder | 0 – 30 minutes |

| PHYSICAL DEMAND | HRS PER SHIFT |
|---|------------------|
| Reaching knee-waist | 30 min – 2 hours |
| Reaching floor-knee | 0 – 4 hours |
| Lifting/Carrying 1-10# | 1 – 6 hours |
| Lifting/Carrying 11-20# | 0 – 6 hours |
| Lifting/Carrying 21-50# | 0 – 1 hour |
| Lifting/Carrying 51-100# | 0 – 15 minutes |
| Lifting/Carrying 100+# | 0 |
| Handling | 1 – 6 hours |
| Hand Controls | 0 – 6 hours |
| Fingering <input checked="" type="checkbox"/> keyboarding | 0 – 1 hour |
| Vision <small>to assure safety of others</small> | 0 – 7 hours |
| Hearing <small>to assure safety of others</small> | 0 – 7 hours |
| Other | |

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

Physician's Signature

Date