

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Rail Lead Facilities Electrician

DEPARTMENT: Transportation, Light Rail

WORK SCHEDULE:

JOB DESCRIPTION: The responsibilities of this classification include scheduling preventive maintenance, assigning daily work and providing technical advice, assistance and training to Transit Facilities Electrician employees; and performing a variety of journey-level electrical work in the maintenance and repair of electrical and electronic systems, equipment, and hardware within Rail facilities and stations.

SPECIAL REQUIREMENT: *This position is considered safety sensitive. Applicants for positions defined as safety sensitive are required to undergo drug testing prior to employment and, subsequent to commencement of employment, will be subject to random, post-accident, reasonable suspicion, return to duty, and follow up drug and alcohol testing in compliance with federal DOT alcohol and controlled substances testing program protocols.*

ESSENTIAL FUNCTIONS: Responsible for coordinating the work of and providing technical assistance to facilities electricians responsible for maintaining all public and operating facilities, equipment and associated components. This includes install electrical systems in new construction; install, modify and upgrade new and existing electrical systems, component parts and other related electrical equipment; repair damaged electrical equipment, conduit and conductors; evaluate existing equipment, provide recommendations for future electrical needs and anticipate maintenance and repair costs. Assist in the training of other Rail Facilities Electricians on required maintenance operations, standard operating procedures and safety procedures. Maintain, troubleshoot and repair power distribution systems including but not limited to lighting distribution and low-voltage switching, power distribution panels and circuits, emergency generator and related heating, ventilating and air conditioning (HVAC) equipment and power transfer switches. Maintain, troubleshoot and repair electronic digital communications control systems, building automation systems, electronic door security controls, intercom and paging systems, combined electronic fire alarm and smoke control systems, fans, and their motor control equipment, parking gates and roll-up doors, motion sensors and door monitoring systems and kitchen equipment.

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 100 DBL
- Other _____

Special Requirements:

- CDL
- Respirator use

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 7 hours
Walking <input checked="" type="checkbox"/> uneven terrain	1 – 3 hours
Sitting	1 – 7 hours
Climbing stairs	30 min – 2 hours
Climbing <u>ladder/tunnel</u>	15 min – 4 hours
Balancing	2 – 4 hours
Bending/Stooping	30 min – 2 hours
Kneeling	10 – 30 minutes
Crouching	5 – 10 minutes
Crawling	0
Foot controls	30 min – 2 hours
Reaching above shoulders	0 – 2 hours
Reaching waist-shoulder	1 – 2 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	5 – 15 minutes
Reaching floor-knee	0
Lifting/Carrying 1-10#	0 – 1 hour
Lifting/Carrying 11-20#	15 – 30 minutes
Lifting/Carrying 21-50#	0 – 10 minutes
Lifting/Carrying 51-100#	0 – 5 minutes
Lifting/Carrying 100+#	0 – 1 minute
Handling	1 – 7 hours
Hand Controls	0 – 1 hour
Fingering <input checked="" type="checkbox"/> keyboarding	30 min – 2 hours
Vision to assure safety of others	4 – 7 hours
Hearing to assure safety of others	4 – 7 hours
See Colors	0 – 7 hours

I have reviewed the following Job Analysis for the above-named candidate. **The employee is released to perform the described duties without restrictions on performance or work hours.**

Physician's Signature

Date