

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: SCADA

DEPARTMENT: Transportation, Light Rail

WORK SCHEDULE: 40/week

JOB DESCRIPTION: Responsible for providing rail service on a 15.5 mile double track system from downtown Seattle to the Sea-Tac Airport. We are currently recruiting for two SCADA Systems Specialists and the responsibilities include installing, maintaining and repairing Supervisory Control and Data Acquisition communications systems, components and equipment throughout the rail systems and facilities.

WORK ENVIRONMENT: Field with some office.

ESSENTIAL FUNCTIONS: Perform modifications, repairs, upgrades, analysis and diagnostics on SCADA and communications hardware and software. Maintain configuration control for all SCADA, signals and communications systems. Perform software and system maintenance on various rail system databases. Provide reports on network systems and equipment availability; develop and administer specialized databases. Record and document maintenance and diagnostic data. Assist in the development and refinement of inspection and preventive maintenance program for SCADA, signals and communications systems. Perform other related duties as assigned. Advanced knowledge and the ability to proficiently apply knowledge of Supervisory Control and Data Acquisition, communications, network applications, software and hardware. Skill in installing, maintaining and modifying applicable software and hardware. Skill in oral and written communications including the ability and skill in conveying technical information to non-technical users. Skill in troubleshooting, analyzing and solving problems and the ability to handle multiple competing priorities. May be required to obtain and maintain a Class B Commercial Driver's License if business needs require it. SCADA experience in a rail or mass transit environment is desired.

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 60 DBL
- Other _____

Special Requirements:

- CDL
- Respirator use

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	30 min – 4 hours
Walking <input type="checkbox"/> uneven terrain	30 min – 2 hours
Sitting	4 – 8 hours
Climbing stairs	0 – 30 minutes
Climbing <u>ladder</u>	0 – 5 minutes
Balancing	0
Bending/Stooping	30 min – 2 hours
Kneeling	0 – 1 hour
Crouching	0 – 1 hour
Crawling	0 – 1 hour
Foot controls	30 min – 2 hours
Reaching above shoulders	30 min – 1 hour
Reaching waist-shoulder	2 – 4 hours

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

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

Physician's Signature

Date