

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Rail Technical Trainer

DEPARTMENT: _____

WORK SCHEDULE: _____

JOB DESCRIPTION: Designs, develops, implements and evaluates training programs to sustain all phases of light rail operations and providing classroom and field training to light rail operators and other rail personnel.

WORK ENVIRONMENT: Field and office.

ESSENTIAL FUNCTIONS: Develop and deliver hardware and software technical training for supervisory control and data acquisition (SCADA), closed-circuit television (CCTV), radio communication and similar control center technical systems; develop training required for software and system updates and enhancements. Develop and deliver classroom and field training to newly hired rail operators for all phases of vehicle and light rail operations; provide refresher and retraining for rail operations and certified employees; perform in-service ride checks for rail operators and for post-incident or extended absence situations. Develop and deliver training programs to support yard operations, vehicle maintenance, maintenance-of-way, power and signal, and related aspects of rail operations; develop and deliver training programs for first responders, security personnel, outside contractors and similar groups who interface with rail operations. Monitor progress of trainees and conduct progress evaluations; counsel trainees on progress achieved and improvements required as necessary; evaluate termination for those failing to meet operating standards. Act as designated examiner in testing and certification of light rail vehicle operators and other rail personnel. Maintain documentation required covering all facets of employee training and testing as mandated by state and federal law; maintain varied electronic databases of employee training and training operations; enter and extract information and produce varied reports from data maintained. Update and ensure training programs and content meet changing business needs, regulatory modifications and new equipment requirements. Participate in safety audits, emergency drills and simulations; participate in testing, certification and opening of new rail extensions; participate in testing and certification of new rail cars and equipment. May provide backup training in other areas on a project basis as required. Operate rail vehicles as approved and required. Perform other 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
- Gasses
- Fumes
- Odors
- Dusts
- Mists
- Radiation
- Explosives
- Noise Level 80 DBL
- Other _____

Special Requirements:

- CDL
- LR Operator LCS

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 4 hours
Walking <input checked="" type="checkbox"/> uneven terrain	1 – 8 hours
Sitting	1 – 6 hours
Climbing stairs	15 – 40 minutes
Climbing up hill to track	0 – 45 minutes
Balancing	0 – 45 minutes
Bending/Stooping	20 – 40 minutes
Kneeling	0 – 40 minutes
Crouching	0 – 40 minutes
Crawling	0 – 30 minutes
Foot controls	45 min – 2 hours
Reaching above shoulders	30 – 40 minutes
Reaching waist-shoulder	30 – 6 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	20 – 40 minutes
Reaching floor-knee	20 – 40 minutes
Lifting/Carrying 1-10#	45 min – 1 hour
Lifting/Carrying 11-20#	0 – 45 minutes
Lifting/Carrying 21-50#	0 – 20 minutes
Lifting/Carrying 51-100#	0 – 15 minutes
Lifting/Carrying 100+#	0
Handling	2 – 4 hours
Hand Controls	30 min – 2 ½ hours
Fingering <input checked="" type="checkbox"/> keyboarding	15 min – 6 hours
Vision to assure safety of others	0 – 8 hours
Hearing to assure safety of others	0 – 8 hours

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

Physician's Signature

Date