

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Engineer IV

DEPARTMENT: Natural Resources, WLRD, Stormwater WORK SCHEDULE: 40/week

JOB DESCRIPTION: Provides ongoing supervisory responsibilities for a professional engineering work staff and/or providing technical oversight, quality control and certification of plans and documents for a specific discipline in a section or work unit and/or being the overall program management for capital improvement projects. Capital improvement project assignments are broad in scope and requires extensive interpretation to develop a project overall scope of work. In addition, these assignments are highly visible and politically sensitive projects which include multiple projects or programs within the scope of the overall program.

WORK ENVIRONMENT: Office with some field.

ESSENTIAL FUNCTIONS: Supervise and direct the preparation, review and approval of design and contracts documents. Supervise and direct the construction, maintenance and compliance inspection programs. Act as the overall program manager for projects with multiple dimensions. Act as the technical engineering (resident) expert for multiple programs, projects and/or management. Provide technical expertise in the evaluation and analysis of complex (multi-dimensional), sensitive and political issues. Provide technical supervision, oversight and quality control for specific discipline. Supervise and direct the review of engineering proposals prepared by external sources. Provide signatory engineering design approval on projects mandated by state and local codes. Supervise and direct the surveying and mapping programs. Supervise and direct the analysis and review of water quality compliance and enforcement. Supervise and direct the work of staff involved in the project control, cost scheduling and contract management function. Perform the full scope of supervisory responsibilities for assigned staff on a continual and regular basis. Staff may include a number of subordinate teams or organizational units.

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 - 70 DBL
- Other _____

Special Requirements:

- CDL
- Respirator use

***Continued on next page.

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

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	0 – 15 minutes
Reaching floor-knee	0 – 15 minutes
Lifting/Carrying 1-10#	0 – 2 hours
Lifting/Carrying 11-20#	0 – 2 hours
Lifting/Carrying 21-50#	0 – 15 minutes
Lifting/Carrying 51-100#	0
Lifting/Carrying 100+#	0
Handling	1 – 3 hours
Hand Controls	0 – 30 minutes
Fingering <input checked="" type="checkbox"/> keyboarding	2 – 4 hours
Vision to assure safety of others	0 – 2 hours
Hearing to assure safety of others	0 – 2 hours
Cut Brush	0 – 2 hours

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

Physician's Signature

Date