

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Engineer III (Gaging)

DEPARTMENT: Natural Resources, WLRD, Science

WORK SCHEDULE: 40/week

JOB DESCRIPTION: Serve as technical lead for a team of hydrologic gaging engineers.

WORK ENVIRONMENT: Field with some office.

ESSENTIAL FUNCTIONS: . Provide technical direction for collection of continuous environmental datasets, including but not limited to streamflow, water level, water quality, and weather. Design, install, and maintain continuous data collection equipment. Perform channel cross-section studies and calculate ratings curves. Develop and/or approve final datasets. Perform quality assurance and quality control reviews of continuous data sets. Conduct stormwater monitoring. Produce data reports.

PHYSICAL DEMAND	HRS PER SHIFT	PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 5 hours	Reaching knee-waist	0 – 2 hours
Walking <input checked="" type="checkbox"/> uneven terrain	30 min – 1 hour	Reaching floor-knee	0 – 2 hours
Sitting	1.5 – 6 hours	Lifting/Carrying 1-10#	1 – 7 hours
Climbing stairs	0 – 15 minutes	Lifting/Carrying 11-20#	0 – 1 hour
Climbing <u>ladders</u>	0 – 15 minutes	Lifting/Carrying 21-50#	0 – 1 hour
Balancing	0 – 6 hours	Lifting/Carrying 51-100#	0 – 1 hour
Bending/Stooping	1 – 2 hours	Lifting/Carrying 100+#	0
Kneeling	0 – 2 hours	Handling	4 – 6 hours
Crouching	0 – 2 hours	Hand Controls	0 – 2 hours
Crawling	0	Fingering <input checked="" type="checkbox"/> keyboarding	2 – 6 hours
Foot controls	0 – 1.5 hours	Vision to assure safety of others	0 – 5 hours
Reaching above shoulders	0 – 1 hour	Hearing to assure safety of others	0 – 5 hours
Reaching waist-shoulder	4 – 7 hours	Stream Walking	0 – 7 hours

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 Respirator use

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

Physician's Signature

Date