

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Engineering Technician II

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

JOB DESCRIPTION: Performs a broad scope of engineering journey level technical support services, which requires interpretation and evaluation of information to execute. Technical support responsibilities include but are not limited to data collection and tracking, maintenance program tracking, facility inventory development, construction inspection, drafting and surveying.

WORK ENVIRONMENT: Office with some field.

ESSENTIAL FUNCTIONS: Maintain a database of stormwater facilities. Maintain a database of customer complaints. Read and interpret Parcel recording documents and plat construction drawings and inventory stormwater features into MIS. Provide data for engineering analysis to the engineering community. Conduct routine surveys; maintain and operate survey equipment. Conduct field investigations to determine resolution to inquiries and respond to inquiries from the general public. Read, interpret, locate and plot legal descriptions of property and easements. Perform necessary calculations to interpret field notes and survey dimensions for development of drawings and specifications. Establish street addresses and King County road names; recommend and coordinate any name changes with Metropolitan King County Council. Review subdivisions (final and short) and planned development to determine street names and address ranges. Identify and determine necessity of and correct address errors on existing improvements; notify appropriate individual and agencies. Identify special road designations such as private roads and name appropriately. Identify and determine necessity of and perform field investigations. Maintain and update base maps, draft property boundaries, easements, improvements and other information. Assist other staff in field inspections to assess system function and design.

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 - 90 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	1 – 3 hours
Sitting	4.5 – 6 hours
Climbing stairs	0
Climbing _____	0
Balancing	0 – 15 minutes
Bending/Stooping	1 – 3 hours
Kneeling	0 – 30 minutes
Crouching	0 – 30 minutes
Crawling	0
Foot controls	0 – 30 minutes
Reaching above shoulders	0 – 1 hour
Reaching waist-shoulder	4 – 6 hours

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

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

Physician's Signature

Date