

Job Analysis Form

ALTERNATE FORMAT AVAILABLE



SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Engineering Technician II

DEPARTMENT: Transportation, Roads

WORK SCHEDULE: 40/week

JOB DESCRIPTION: Performs a broad scope of engineering journey level technical support services, which require interpretation and evaluation of information to execute. Technical support responsibilities include but are not limited to construction inspection, drafting and surveying.

WORK ENVIRONMENT: Field/Office.

ESSENTIAL FUNCTIONS: Prepare preliminary and final drawings from field notes and sketches using appropriate drafting techniques and specialized drafting equipment, including Computer Aided Design (CAD). Perform research of equipment; incorporate into drawings. 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. Assist other staff in the review of contractor compliance with specifications. Review and evaluate applications and other documents to determine compliance with established laws, regulations and ordinances. Inspect, test, maintain and calibrate equipment. Review contracts for compliance with established ordinance and regulations.

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 60-100 DBL
- Other _____

Special Requirements:

- CDL
- Respirator use

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	1 – 3 hours
Walking <input checked="" type="checkbox"/> uneven terrain	1 – 3 hours
Sitting	1 – 6 hours
Climbing stairs	0 – 15 minutes
Climbing <u>slopes</u>	0 – 2 hours
Balancing	0 – 2 hours
Bending/Stooping	30 min – 2 hours
Kneeling	0 – 1 hour
Crouching	0 – 1 hour
Crawling	0
Foot controls	0 – 4 hours
Reaching above shoulders	0 – 1 hour
Reaching waist-shoulder	2 – 6 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	0 – 2 hours
Reaching floor-knee	0 – 2 hours
Lifting/Carrying 1-10#	0 – 1 hour
Lifting/Carrying 11-20#	0 – 1 hour
Lifting/Carrying 21-50#	0 – 1 hour
Lifting/Carrying 51-100#	0
Lifting/Carrying 100+#	0
Handling	2 – 8 hours
Hand Controls	0 – 1 hour
Fingering <input checked="" type="checkbox"/> keyboarding	2 – 5 hours
Vision to assure safety of others	0 – 8 hours
Hearing to assure safety of others	0 – 8 hours
Stream Walking	0 – 8 hours

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

Physician's Signature

Date