

Job Analysis Form

Alternate Format Available



King County

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

Physical Required: General physical, Diabetes, BP, Vision, Back strength and lifting, and Audiogram.

PATIENT NAME: _____

JOB TITLE: Construction Management IV

DEPARTMENT: Natural Resources, Water Treatment

WORK SCHEDULE: 40/week (OT +/- 20)

JOB DESCRIPTION: Plan, organize and supervise the administration, design and/or inspection of specific construction projects. Ensure compliance with plans, specifications, code and relevant regulatory laws. Direct the work of the inspectors. Provide technical assistance in the planning and design stages of facility extensions and modifications. Develop and implement a comprehensive asset management program, when requested.

WORK ENVIRONMENT: Office with some field.

ESSENTIAL FUNCTIONS: Administer construction requirements and standards contained in plans and specifications for major complex public works construction projects. Plan and supervise inspection of construction materials, facilities, equipment and machinery installed in King County's construction contracts. Review plans and specifications being developed for specific projects to ensure compliance with established construction standards and objectives. Review and coordinate the submission of field inspection reports prepared by assigned inspectors and the processing of progress payments. Develop reports and summaries of construction activities and supervise the preparation of "as built" plans. Furnish legal staff with technical and contractual data in support of legal positions on contracts and claims. Provide supervision and general guidance to inspectors during the course of a construction project. Evaluate functional applications, life cycle cost and reliabilities of new technologies and other pertinent technical data related to transit and water pollution control projects. Develop specifications, designs and performance standards for specific equipment, materials and systems. Provide specific technical consultation in various engineering disciplines including instrumentation, controls, hydraulics, sewage pumps and variable speed motor drives. Review plans and specifications that are being developed for specific projects to ensure compliance with established construction standards. May organize, plan and supervise special inspection, installation and testing of equipment, systems, instrumentation and controls. Perform other duties as assigned. Develop work plans, schedules and budget for execution of designs related to transit and wastewater projects. Review consultant plans and specifications to ensure conformity to agency specifications and requirements. Review proposals from equipment vendors. Prepare public works and procurement contract documents for legal bidding. Will perform many of the duties of those assigned to construction inspection work. Plan, organize and supervise the development and implementation of facilities inspection programs based on established expertise to ensure the timely non-routine maintenance, repair, rehabilitation, and replacement of selected facility components, building systems, building equipment, process systems, mechanical equipment and individual assets to maintain their reliability, efficiency and operational safety. Perform or direct project management activities for various sized projects including scope, schedule and budget. Prepare contract specifications for bid proposals, attend pre-bid conferences and evaluate bid proposals. Procure equipment and supplies. Monitor the work performance of contractors and review progress payments. Direct the work of lower level staff in the planning and coordination of required inspections for King County's transit and waste water facilities. Prepare or review inspection reports, rehabilitation and replacement recommendations and planning estimates based upon data collected from inspection and

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 120 DBL
- Blood borne Pathogens

Special Requirements:

- CDL
- Respirator use

include the information in the annual facilities management plan. Assist engineers, planners, and operating and maintenance staff with transit and waste water functions during the planning and design of

facility extensions and modifications. Provide information regarding the location, configuration, and characteristics of aboveground, underground and appurtenant facilities. Provide technical review and timely response to local agency public works submittals to assure compliance with the provisions of the sewer extension/connection certification program as well as with other King County Council rules and regulations. Monitor King County's facilities, such as underground pipeline, building roofs, pavement, building structures and underground tanks and report unusual events to supervisor. Review engineering drawings to ensure compliance with Metro standards. Ensure right of way, easement and permit conditions and environmental protection requirements are adhered to in projects. Serve as the liaison between King County, public agencies and property owners. Perform other related duties as assigned.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	0 – 4 hours
Walking <input type="checkbox"/> uneven terrain	1 – 4 hours
Sitting	3 – 10 hours
Climbing stairs	0 – 2 hours
Climbing ladders/scaffolding	0 – 3 hours
Balancing	0 – 3 hours
Bending/Stooping	0 – 30 minutes
Kneeling	0 – 30 minutes
Crouching	0 – 1 hours
Crawling	0 – 30 minutes
Foot controls	0 – 4 hours
Reaching above shoulders	0 – 1 hour
Reaching waist-shoulder	2 – 8 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	0 – 2 hours
Reaching floor-knee	0 – 2 hours
Lifting/Carrying 1-10#	1 – 12 hours
Lifting/Carrying 11-20#	0 – 3 hours
Lifting/Carrying 21-50#	0 – 30 minutes
Lifting/Carrying 51-100#	0 – 15 minutes
Lifting/Carrying 100+#	0
Handling	4 – 12 hours
Hand Controls	4 – 6 hours
Fingering <input type="checkbox"/> keyboarding	4 – 10 hours
Vision to assure safety of others	0 – 12 hours
Hearing to assure safety of others	0 – 12 hours
Exposed to Flashing Lights	0 – 4 hours

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

Physician's Signature

Date