

# Job Analysis Form

ALTERNATE FORMAT AVAILABLE



## SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

A more detailed form is available on the web at <http://www.metrokc.gov/ohrm/kcjabank/>

PATIENT NAME: \_\_\_\_\_

JOB TITLE: Engineer I

DEPARTMENT: Transportation, Roads

WORK SCHEDULE: 45-35/week Rotating Shifts

JOB DESCRIPTION: The responsibilities of this classification include performing the advanced-level technical engineering support services and entry level professional engineering design, review and construction management for an assigned department's engineering functions.

WORK ENVIRONMENT: Field with some office.

ESSENTIAL FUNCTIONS: Map feature data including ditches, roadways, pipe and catch basins using manual and automated mapping tools for Roads Maintenance Section's Road Network Inventory System (RNIS) program and the National Pollution Discharge Elimination System (NPDES) program. Determine drainage flow directions and map drainage network systems, and accurately record field data. Input field data into databases and GIS formats. Perform maintenance of office and survey equipment, this includes calibrating the equipment and coordination with manufacturers.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	1.5 – 3.5 hours
Walking <input checked="" type="checkbox"/> uneven terrain	2 – 7 hours
Sitting	2 – 7 hours
Climbing stairs	0
Climbing <u>Slopes/Hills</u>	45 min – 4 hours
Balancing	4 – 7 hours
Bending/Stooping	2 – 4 hours
Kneeling	2 – 4 hours
Crouching	1 – 2 hours
Crawling	0
Foot controls	2 – 6 hours
Reaching above shoulders	15 min – 1 hour
Reaching waist-shoulder	1 – 2 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	2 – 6 hours
Reaching floor-knee	1 – 2 hours
Lifting/Carrying 1-10#	4 – 7 hours
Lifting/Carrying 11-20#	4 – 7 hours
Lifting/Carrying 21-50#	30 min – 1 hour
Lifting/Carrying 51-100#	0 – 1 hour
Lifting/Carrying 100+#	0
Handling	4 – 7 hours
Hand Controls	2 – 6 hours
Fingering <input type="checkbox"/> keyboarding	4 – 7 hours
Vision to assure safety of others	4 -7 hours
Hearing to assure safety of others	4 – 7 hours
Swing Arms/Clear Brush	2 – 4 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 90 DBL
- Other \_\_\_\_\_

Special Requirements:

- CDL  Respirator use

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

\_\_\_\_\_  
Physician's Signature

\_\_\_\_\_  
Date