SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _________________________   JOB TITLE: Engineering Technician I
DEPARTMENT: Transportation, Roads   WORK SCHEDULE: 40/week

JOB DESCRIPTION: Performs a broad scope of entry-level engineering technical support services. These services provide technical support for specific engineering tasks such as, but not limited to, taking field measurements, staking and drafting drawings from notes and sketches.

WORK ENVIRONMENT: Field/Office.

ESSENTIAL FUNCTIONS: Provide basic graphic, drafting and mapping support including field measurements and sketching. Draft engineering drawings from notes and sketches using manual or Computer Aided Design (CAD) systems; update and revise existing drawings. Incorporate markups into drawings under the direction of lead or supervisor. Perform basic research of hardware and equipment and basic mathematical calculations. Maintain drawing filing supplies and records; prepare drawing sets for internal and external distribution. Assist survey crews by performing routine duties to support survey work assignment. Assist in processing and verifying consultant/contractors invoices with contract terms and agreements. Identify project limits and parcels and prepare requests of entry requests. Verify and compile the necessary documentation for construction contracts, including verifying bid proposals for compliance with Washington State and federal requirements. Perform data entry and retrieval tasks and gather and collect data for engineering and related projects; analyze data and prepare reports as assigned. Research King County records and Geographical Information Systems (GIS) to assemble and organize project specific information required for processing permit applications. Perform routine maintenance of office and survey equipment. Perform routine duties for construction and/or maintenance inspections such as staking and construction plans. Perform limited or basic engineering calculations. Collect samples and follow established procedures in data collection and analysis. Respond to inquiries from consultants, engineers, technicians and the general public regarding work. Perform general office support and maintain records for assigned work unit.

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

<table>
<thead>
<tr>
<th>PHYSICAL DEMAND</th>
<th>HRS PER SHIFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standing</td>
<td>1 – 3 hours</td>
</tr>
<tr>
<td>Walking <em>uneven terrain</em></td>
<td>1 – 3 hours</td>
</tr>
<tr>
<td>Sitting</td>
<td>1 – 6 hours</td>
</tr>
<tr>
<td>Climbing stairs</td>
<td>0 – 15 minutes</td>
</tr>
<tr>
<td>Climbing slopes</td>
<td>0 – 2 hours</td>
</tr>
<tr>
<td>Balancing</td>
<td>0 – 2 hours</td>
</tr>
<tr>
<td>Bending/Stooping</td>
<td>30 min – 2 hours</td>
</tr>
<tr>
<td>Kneeling</td>
<td>0 – 1 hour</td>
</tr>
<tr>
<td>Crouching</td>
<td>0 – 1 hour</td>
</tr>
<tr>
<td>Crawling</td>
<td>0</td>
</tr>
<tr>
<td>Foot controls</td>
<td>0 – 4 hours</td>
</tr>
<tr>
<td>Reaching above shoulders</td>
<td>0 – 1 hour</td>
</tr>
<tr>
<td>Reaching waist-shoulder</td>
<td>2 – 6 hours</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>PHYSICAL DEMAND</th>
<th>HRS PER SHIFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaching knee-waist</td>
<td>0 – 2 hours</td>
</tr>
<tr>
<td>Reaching floor-knee</td>
<td>0 – 2 hours</td>
</tr>
<tr>
<td>Lifting/Carrying 1-10#</td>
<td>0 – 1 hour</td>
</tr>
<tr>
<td>Lifting/Carrying 11-20#</td>
<td>0 – 1 hour</td>
</tr>
<tr>
<td>Lifting/Carrying 21-50#</td>
<td>0 – 1 hour</td>
</tr>
<tr>
<td>Lifting/Carrying 51-100#</td>
<td>0</td>
</tr>
<tr>
<td>Lifting/Carrying 100+#</td>
<td>0</td>
</tr>
<tr>
<td>Handling</td>
<td>2 – 8 hours</td>
</tr>
<tr>
<td>Hand Controls</td>
<td>0 – 1 hour</td>
</tr>
<tr>
<td>Fingering keyboarding</td>
<td>2 – 5 hours</td>
</tr>
<tr>
<td>Vision to assure safety of others</td>
<td>0 – 8 hours</td>
</tr>
<tr>
<td>Hearing to assure safety of others</td>
<td>0 – 8 hours</td>
</tr>
<tr>
<td>Stream Walking</td>
<td>0 – 8 hours</td>
</tr>
</tbody>
</table>

Physician’s Signature

Date