

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Process Analyst III

DEPARTMENT: Natural Resources, Wastewater

WORK SCHEDULE: 40/week

JOB DESCRIPTION: Performs senior level technical scientific professional evaluations and experiments to monitor, evaluate, and control the products and performance of wastewater processes within a major wastewater treatment plant. Incumbents assigned to this classification assume lead responsibility for multiple unit process areas, coordinate and integrate multiple plant unit processes, implement routine operating orders, prepare special operating order, ensure that the treatment plant meets permit requirements and plans and directs a variety of complex studies to investigate and troubleshoot various unit processes.

WORK ENVIRONMENT: Wastewater treatment plant.

ESSENTIAL FUNCTIONS: Position requires the performance of the duties of a Wastewater Process Analyst I and II and the following additional duties; Take lead responsibility for the daily performance of multiple (physical, chemical or biological) unit wastewater process areas to assist in meeting permit, policy and budgetary requirements. Assist or lead major process evaluations; assist or lead in the development and implementation of process alterations and improvements; work with engineers, consultants and plant staff to design and construct new processes. Develop, plan and conduct professional technical scientific/engineering studies to improve unit process performance, to research new equipment and chemicals, and commission new equipment. Provide specifications to assist design engineers in the development of plans and specifications for public bidding process. Act as the Process Control Supervisor in his/her absence as assigned.

| PHYSICAL DEMAND | HRS PER SHIFT | PHYSICAL DEMAND | HRS PER SHIFT |
|--|-----------------|---|----------------|
| Standing | 30 min – 1 hour | Reaching knee-waist | 0 – 1 hour |
| Walking <input checked="" type="checkbox"/> uneven terrain | 1 – 2 hours | Reaching floor-knee | 0 – 1 hour |
| Sitting | 4 – 6 hours | Lifting/Carrying 1-10# | 2 – 4 hours |
| Climbing stairs | 0 – 15 minutes | Lifting/Carrying 11-20# | 1 – 2 hours |
| Climbing <u>ladder</u> | 0 – 15 minutes | Lifting/Carrying 21-50# | 0 – 30 minutes |
| Balancing | 0 – 1 hour | Lifting/Carrying 51-100# | 0 |
| Bending/Stooping | 1 – 2 hours | Lifting/Carrying 100+# | 0 |
| Kneeling | 0 – 15 minutes | Handling | 2 – 4 hours |
| Crouching | 0 – 15 minutes | Hand Controls | 0 |
| Crawling | 0 | Fingering <input checked="" type="checkbox"/> keyboarding | 4 – 6 hours |
| Foot controls | 0 – 30 minutes | Vision to assure safety of others | 0 – 4 hours |
| Reaching above shoulders | 0 – 1 hour | Hearing to assure safety of others | 0 – 4 hours |
| Reaching waist-shoulder | 4 – 6 hours | Other | |

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 80-100 DBL
- Other _____

Special Requirements:

- CDL Respirator use

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

Physician's Signature

Date