

# Job Analysis Form

Alternate Format Available



King County

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## SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

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

PATIENT NAME: \_\_\_\_\_ JOB TITLE: Operating Engineer III

DEPARTMENT: Natural Resources and Parks WORK SCHEDULE: Wed - Sat 6:30am – 5:00pm

JOB DESCRIPTION: The responsibilities of this classification include planning, coordinating and supervising the work of Operating Engineers, as well as performing the duties of an Operating Engineer and/or providing specialized technical expertise.

WORK ENVIRONMENT: Weyerhaeuser King County Aquatic Center

ESSENTIAL FUNCTIONS: Provide supervision to subordinates in physical plant operation and/or maintenance. Plan and develop a preventive maintenance program; perform preventive maintenance to systems and system components. Coordinate, plan and schedule maintenance and operation of heating, ventilating and air conditioning (HVAC) systems. Recommend and implement changes to existing HVAC systems. Develop and implement HVAC operational procedures. Oversee outside contractors, local and state agencies and others on work performed on related HVAC systems. Coordinate maintenance for pool water sanitation and related pool environment equipment. Operate boilers, inspect, clean, troubleshoot and conduct periodic overhauls of industrial heating system and ensure performance. Inspect, operate and maintain pool systems, heating and ventilation units and automated control systems. Calculate labor, material, equipment charges, permit fees and sub-contractor costs for various projects. Establish procedures and develop training for HVAC systems. Troubleshoot, modify, repair and maintain specialized equipment, instruments and/or systems such as laboratory air purification and ventilation systems, ultra pure water systems, a variety of gas delivery systems, incubators, chiggers, sollicitors, digests, kilns, autoclaves, centrifuges, sampling equipment and water baths.

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PHYSICAL DEMAND	HRS PER SHIFT
Standing	2-6
Walking <input checked="" type="checkbox"/> uneven terrain	2-6 including wet surfaces
Sitting	1-4
Climbing stairs	2-6
Climbing <u>ladders, roof elevations, step stools, portable bleachers, equipment boxes, decks, bulkheads</u>	2-6
Balancing	2-6
Bending/Stooping	2-6
Kneeling	2-6
Crouching	2-6
Crawling	2-6
Foot controls	1-4
Reaching above shoulders	1-4
Reaching waist-shoulder	1-4

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	1-4
Reaching floor-knee	1-4
Lifting/Carrying 1-10#	1-4
Lifting/Carrying 11-20#	1-4
Lifting/Carrying 21-50#	1-4
Lifting/Carrying 51-100#	0-1
Lifting/Carrying 100+#	0
Handling	2-6
Hand Controls	2-6
Fingering <input checked="" type="checkbox"/> keyboarding	2-6
Vision to assure safety of others	10
Hearing to assure safety of others	10
Pushing/Pulling	2-8
Feeling	8
Talking	6
Heightened Awareness	10

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 50-120 decibels

Other \_\_\_\_\_

Special Requirements:

CDL  Respirator use

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

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

\_\_\_\_\_  
Date