

Job Analysis Form



King County

Alternate Format Available

SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

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

PATIENT NAME: _____

JOB TITLE: Engineer/ Oiler

DEPARTMENT: DOT- Marine

WORK SCHEDULE: 8 hours straight

JOB DESCRIPTION: Maintain, repair and ensure operational readiness of a passenger ferryboat through the maintenance, service and routine repair of the main engines, propulsion, mechanical, electrical and related vessel systems. Work includes establishing an effective preventive maintenance plan, maintaining service documentation and logs, performing safety checks, and maintaining and repairing deck and passenger area facilities.

WORK ENVIRONMENT: Vessel and Shore Maintenance Barge or Office. Some travel

ESSENTIAL FUNCTIONS: Establish and perform a comprehensive preventive maintenance schedule for all on board systems. Diagnose and repair malfunctions. Determine repairs required by outside contractors. Coordinate and perform repairs without interfering with the normal schedule of operations. Assist Captain with vessel startup and shutdown. Perform daily checks of all machinery and vessel systems. Perform repairs and preventive maintenance on dock lines and loading ramps, gates and security systems. Perform vessel safety and daily maintenance checks. Perform preventive maintenance, cleaning and minor repairs on HVAC system. Repair vessel flooring and upholstery. Repair sewage system. Drive a county vehicle to pick up parts or for other related duties. Perform other duties as assigned.

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:

- USCG license with an endorsement of Asst. Engineer

***Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	2-4 hrs
Walking <input type="checkbox"/> uneven terrain	2-4 hrs
Sitting	2-4 hrs
Climbing stairs	15-60 min
Climbing <u>ladders</u>	15- 60 min
Balancing	1-7 hrs
Bending/Stooping	1-6 hrs
Kneeling	30 min-4 hrs
Crouching	30 min-4 hrs
Crawling	0-4 hrs
Foot controls	0-2 hrs
Reaching above shoulders	30 min- 2 hrs
Reaching waist-shoulder	2-6 hrs

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	30 min- 3 hrs
Reaching floor-knee	30 min- 3 hrs
Lifting/Carrying 1-10#	4-6 hrs
Lifting/Carrying 11-20#	1-3 hrs
Lifting/Carrying 21-50#	0-1 hr
Lifting/Carrying 51-100#	0-5 min
Lifting/Carrying 100+#	0-5 min
Handling	4-6 hrs
Hand Controls	2-4 hrs
Fingering <input checked="" type="checkbox"/> keyboarding	1-2 hrs
Vision to assure safety of others	6-8 hrs
Hearing to assure safety of others	6-8 hrs
Push/Pull Weighted Objects	0-1 hr 30 lbs approx.

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

Physician's Signature

Date