

Job Analysis Form

ALTERNATE FORMAT AVAILABLE



SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Industrial Lube Specialist

DEPARTMENT: Natural Resources & Parks, Wastewater WORK SCHEDULE: 40/week

JOB DESCRIPTION: Performs specialized journey level mechanical craft responsibilities for industrial lubrication system design and modification, maintenance and troubleshooting machinery and machinery wear analysis and hydraulic system troubleshooting and services. In addition, this classification is responsible for developing, implementing and managing/administering an in-depth preventative maintenance lubrication program for various pumps, motors, compressors, hydraulic systems, and specialized wastewater machinery for assigned wastewater treatment facility.

WORK ENVIRONMENT: Wastewater Treatment Plant

ESSENTIAL FUNCTIONS: Develop, manage and maintain a proactive lubrication program; develop lubrication schedules and routes by using machinery trend analysis and technical data. Establish schedules for shut downs and coordinate with other maintenance and operations staff. Develop lubrication maintenance procedures using blueprints, engineering drawings, operations and maintenance manuals, vendor data, catalogs and as-built drawings. Modify machinery lubrication and filtration systems after thorough research of new technology and analyze and report on the cost effectiveness of these modifications. Troubleshoot and isolate abnormal noise, vibrations and temperature increases in bearings through sensory analysis and various preventive maintenance techniques. Process oil samples from various lubrication and hydraulic systems for analysis, interpret and update oil analysis reports and act on the proper lubrication response for a particular contaminant. Select and consolidate appropriate lubricants to enhance industrial machinery operation. Maintain multiple oil supply rooms and satellite waste oil collection sites in accordance with all applicable local, state and federal regulations. Inventory and order lubricants. Operate overhead cranes and forklifts to remove, maintain and install multi-ton industrial machinery using safe rigging techniques. Work with other mechanical staff to perform maintenance or essential reports to reduce machinery down time and to determine the root cause failure through established analysis procedures. Perform lubrication duties on machinery that include oil servicing, oil sampling, greasing, oil changes and filter changes and oil flow rate adjustment. Act as subject matter expert on lubrication and train other staff in proper industrial lubrication techniques and principles. Perform other mechanical preventative maintenance tasks such as changing and adjusting belts, installing piping systems associated with lubrication systems, installing grease fittings, oil drains, oil fill systems and oil level sight-glasses.

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 110 DBL
- Other _____

Special Requirements:

- CDL
- Respirator use

PHYSICAL DEMAND	HRS PER SHIFT
Standing	2 – 5 hours
Walking <input checked="" type="checkbox"/> uneven terrain	3 – 7 hours
Sitting	1 – 6 hours
Climbing stairs	5 min – 1 hour
Climbing <u>ladder</u>	5 min – 1 hour
Balancing	2 – 6 hours
Bending/Stooping	2 – 6 hours
Kneeling	5 min – 3 hours
Crouching	5 min – 1.5 hours
Crawling	0 – 30 minutes
Foot controls	1 – 4 hours
Reaching above shoulders	1 – 2 hours
Reaching waist-shoulder	4 – 6 hours

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	5 min – 3 hours
Reaching floor-knee	5 min – 2 hours
Lifting/Carrying 1-10#	6 – 8 hours
Lifting/Carrying 11-20#	1 – 7 hours
Lifting/Carrying 21-50#	1 – 4 hours
Lifting/Carrying 51-100#	0 – 1 hour
Lifting/Carrying 100+#	0 – 15 minutes
Handling	4 – 7 hours
Hand Controls	2 – 4 hours
Fingering <input checked="" type="checkbox"/> keyboarding	5 min – 1.5 hours
Vision to assure safety of others	4 – 8 hours
Hearing to assure safety of others	4 – 8 hours
Other	

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

Physician's Signature

Date