



Harvey Gulf International Marine

COMPETENCY PROFILE

Job Title: Q-MED / Oiler
DOT Code: 911.584-010

General Job Description:

- Oils and greases moving parts, such as gears, shafts and bearings of engines and deck and auxiliary equipment
- Examines machinery for specified pressure and flow of lubricants
- Fills oil cups on machinery with grease and lubricating oil, according to machinery lubrication instructions
- Reads pressure and temperature gauges then records data
- Operates some vessel equipment
- Assists engineer in overhauling, adjusting and repairing machinery, engines and pumps
- Performs temporary repairs to get to port when problems arise
- Engineer's assistant/helper as required
- Also performs deckhand and cook duties See job descriptions of aforementioned positions for full description of duties and requirements (see relevant job description for duties)

Tools and Equipment Used:

- Oiling tools, hand tools, cleaning equipment and cooking utensils are used on occasion
- Operates some vessel equipment.
- Must have medium aptitudes for intelligence, reasonable verbal communication, numerical intelligence, form perception, clerical perception, motor coordination and manual dexterity
- Must have higher aptitude for spatial perception
- Must have medium aptitudes for finger dexterity and eye/hand/foot coordination

Environmental Conditions:

- Engine room is very hot, can go up to 140 degrees, usually between 125-130 degrees
- Noise and vibration levels in engine room can be very high (must wear ear muffs)
- Occasional presence of diesel fumes and exhaust fumes
- Other hazards are hot machinery and potential of fire.

Mobility Barriers:

- Getting on and off boat: requires the individual to combine twisting, bending, stooping, jumping, squatting, climbing, balancing and swinging due to potential wave action
- Good upper and lower body strength is required
- Steep, narrow, one person stairwells throughout the vessel

Hours Worked:

- Offshore schedule: 28 days on and 14 days off (flexible)
- Offshore shift: Shifts vary, but may be up to twelve (12) hours on, and twelve (12) hours off

Physical Demands:

- Frequent lifting and/or carrying of objects up to 50 lbs.
- Occasional lifting and/or carrying of objects with help in excess of 50 lbs.
- Occasional climbing, balancing, stooping and crouching (climbing and descending stairs, climbing on machinery and equipment, chipping, painting, confined space entry, etc)
- Frequent reaching and handling of radios, spotlights, switches, levers and cables.
- Must have a clear voice and hearing

Vision Requirements:

- Must be able to frequently read manuals, reports and troubleshooting equipment
- Must be able to frequently see landmarks, different colors and vessels at far distances
- Frequently uses depth perception to judge distance
- Frequently uses wide field of vision to be aware

Pushing and Pulling Tasks:

- Opening and closing valves, wheels and levers
- Loosening and tightening bolts
- Pushes and pulls entry doors
- Pushes and pulls equipment housings and hatches
- Pushes and pulls deck lines

Standing and Walking Tasks:

- Inspects gauges and takes temperature reading regularly
- Walking around for 5 to 10 minutes each time inspections are made
- Stands to work on engine frequently
- Majority of time walking in engine room and climbing stairs

Bending and Twisting Tasks:

- Bends and twists to pick up and use tools
- Cleans bilge strainers and clean bilge
- Maneuvers around pipes, machinery, equipment, etc.
- Changes pipes and fixes circuit boards, switches, exhaust leaks, etc
- Must bend and twist to get into and out of tight places for doing repairs

Kneeling and Squatting Tasks:

- Inspects for leaks on engine
- turns valves, checks gauges, crank cases, checks bearings, etc
- equipment repair may require long periods in awkward positions

Work Surface:

- Smooth tile floor, steel decks and stairs.

SKILLS

Reasoning Development:

- Must apply principles of logical or scientific thinking to a wide range of problems
- Must deal with nonverbal symbolism (graphs etc) in their most difficult phases
- Must deal with a variety of abstract and concrete variables.

Mathematics Development:

- Must be able to calculate surfaces, volumes, weights, measures, circumferences and areas
- Must understand kinds of angles, and properties of pairs and angles
- Must be able to add, subtract, multiply and divide, with use of decimals and percentages

Reading and Writing Tasks:

- Must be able to read rules, regulations and maps
- Must be able to read safety signs, warnings and instructions
- Must read safety rules, warnings and instructions on tools, machinery, and equipment
- Must write reports with proper format, punctuation, spelling and grammar, etc
- Must maintain engine logs and accurately keep maintenance records on various equipment
- Must be able to write instructions

Speaking:

- Must speak fluent English
- Must be able to effectively communicate with supervisors and crew including over radio, using appropriate poise, and voice control and voice modulation.

Mental Involvement:

- Must make inspection rounds regularly
- Must be alert for any unusual sounds or smells around the vessel
- Extreme concentration is required when the weather is rough
- Extreme concentration is required when working in confined areas or near hot equipment
- Extreme concentration is required when working in close proximity of flammable and/or hazardous materials

Human Relations Tasks:

- Takes supervision from Engineer
- Primarily works independently most of the time but must be a part of the vessel team
- Must be able to influence people, make judgments, supervise, perform under stress
- Must be able to get along with crew in tight quarters for extended periods of time
- Must be able to work with crew when performing deckhand, cook or oiler duties

EDUCATION AND/OR LICENSING

High school diploma preferred but not required

Must possess the following valid USCG documentation:

- MMD (z-card) with minimum endorsement of OS, Oiler, SD (FH)
- STCW-95 with QMED "rating forming part of an engine room watch" Endorsement
- Valid Transportation Worker Identification Credential (TWIC)

TRAINING

- STCW-95 with QMED "rating forming part of an engine room watch" Endorsement

EXPERIENCE

At least 6 months in this capacity