

## **MARINE MECHANIC 1<sup>ST</sup> CLASS**

**Location: Cape May, NJ**

**Hourly Rate: \$25.92 per hour (\$53,914 annualized)**

**Opening Date: October 2, 2017**

**Closing Date: December 15, 2017**

### **I. POSITION SUMMARY**

Diagnose and effect necessary repairs to any machinery or mechanical equipment on board Authority vessels, work boat, and ashore. Has thorough knowledge of equipment being repaired with respect to specifications and guidelines required for safe and reliable maintenance. Responsible for following established safety practices while performing assigned duties to protect self, co-workers and the public from personal injury and to prevent damage to Authority property.

### **II. ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Overhaul / repair diesel engines and auxiliary equipment
- Repair pumps, motors, hydraulic systems and components and pneumatic systems and components
- Repair, inspect, and clean hot water boilers
- Repair / maintain vacuum, and sewage system components
- Maintain clean and safe work area and assist other skilled employees in their craft
- Equipment Used in Job Performance:
  - All types of mechanical and pneumatic hand tools and special tools such as torque wrenches
  - Drill presses, electric drills and grinders
  - Measuring devices such as micrometers, calipers, deflection and stroke gauges
  - Motor vehicles, fork lift, chain falls, arbor press, lathe, and pressure washer

### **III. REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES**

- Must have a thorough working knowledge of engine and mechanical systems repair
- Familiarity in the use of all types of hand tools including measuring devices
- Ability to perform heavy, physical labor
- Understanding and interpreting mechanical blueprints and technical manuals
- Must be familiar with safety precautions involved in this field
- Ability to establish and maintain effective working relationships
- Ability to provide superior customer service to everyone by responding in a courteous and efficient manner

## **V. REQUIRED EDUCATION AND EXPERIENCE**

- Must be 21 years of age or older
- Must have a High School Diploma or equivalent or equivalent experience, with five (5) years of experience in repair of engines and electrical and mechanical systems
- Attendance and successful completion of diesel engine overhaul school. The following schools are preferred:
  - Fairbanks Morse 38D8-1/8 engines
  - Detroit Series 71
  - Caterpillar 3412 and 3408 engines
  - EMD 710 series engines

## **V. LICENSES, REGISTRATIONS, AND/OR CERTIFICATES**

- Valid driver's license
- Transportation Worker Identification Credential (TWIC) preferred. If not in possession must apply for and successfully receive this document as terms for employment.
- Merchant Mariner Credential (MMC) for Wiper (minimum) preferred. If not in possession must apply for and successfully receive this document as terms for employment.

## **VI. SPECIAL REQUIREMENTS**

- Will be subject to a drug test and background check which may impact on employment; a history of arrest or conviction is not an automatic disqualification for employment
- Willing and available for duty at such hours, day or night, as may be reported in order to maintain continuous operation of this facility
- Willing and able to attend shipyard events and work at remote locations for extended periods of time.
- Willing and able to work in extreme temperatures (heat/cold/humidity).
- Willing and able to work in confined spaces and may be required to use a respirator.
- Willing and able work on high ladders, or aloft or over the side of the vessel if needed.
- Will be subject to drug testing in accordance with applicable Federal Regulations

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**If you are interested in applying for this position please complete the on-line application at [www.drba.net](http://www.drba.net). In addition, you also have the option of attaching a resume to the completed application.**