



JOB TITLE:	FERRY MECHANIC	DIVISION:	BUS
REPORTS TO:	FERRY MAINTENANCE MANAGER &/OR WORKING FOREMAN MECHANIC	EEO CATEGORY:	07 - SKILLED
FLSA:	NON-EXEMPT	SAFETY-SENSITIVE:	YES
CLASSIFICATION:	REPRESENTED	LOCATION:	LARKSPUR

Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.

Position Summary

Under general supervision, performs inspection, maintenance, trouble-shooting, repair, removal and replacement on all machinery, electrical, piping and control systems and associated electrical/electronic systems as required, including record keeping and written verification of work accomplished.

Essential Responsibilities

- Working with computers on a daily basis for work scheduling, work order entry and work order reporting on the Districts electronic maintenance system in addition to notifications and communications through email.
- Interacts on a regular basis with vessel operations personnel i.e., Deckhands, Vessel Masters, Supervising Vessel Masters and also coordinates with terminal management.
- Conducts tests, analyses and measurements as directed to diagnose any unusual, erratic or malfunctioning occurrence in any shipboard or terminal system or component (mechanical, electrical, hydraulic, piping and electronic control systems).
- Reports any unusual wear patterns, noise, pressure, temperature, or changes in voltage, current, cycles, resistance or any other indication of potential malfunction.
- Reports all safety hazards and corrects unsafe situations immediately where possible.
- Records engine operating data, inspections, preventive maintenance, repairs and overhauls as directed for input into the electronic maintenance system.
- Signing out in the electronic maintenance system the consumables used for any maintenance function including all information on old and new parts used for repairs or overhaul.
- Immediately reports to supervisor any potential maintenance problem or condition which could cause a possible schedule delay.
- Maintains all work areas, special tools and equipment used in performing maintenance function, in a clean and orderly manner.



- Performs the functions of clean up, painting, fueling, oil changes, machinery space cleaning and other such duties as directed.
- Adheres to the safety and health rules and safe working practices applicable to job.
- Establishes and maintains effective working relationships with District employees, customers, vendors and all others contacted during the course of work using principles of excellent customer service.
- Performs additional related duties as assigned.
- Regular and reliable attendance and performance required.

Required Knowledge, Skills and Abilities

Knowledge of:

- Occupational health and safety rules and working practices applicable to this position.
- Monitoring and inspection of main propulsion and auxiliary machinery and other supporting systems (i.e., electrical, plumbing, electronics, hydraulics and HVAC in a commercial marine application).
- Electrical/electronic systems and ability to troubleshoot the same.

Skill in or Ability to:

- Maintain corrective and preventative maintenance records using a computer based maintenance management information system.
- Perform tasks with limited direction, and minimal supervision.
- Perform basic MS Windows based software for data entry, work order processing and materials requisition.

Minimum Qualifications

Education and/or Experience:

- Completion of a four (4) year apprenticeship program, or approved equivalent as a heavy equipment or marine mechanic **OR** four (4) years of experience relative to the maintenance and repair of heavy equipment including but not limited to any of the following: large bore diesel engines, waterjets, gearboxes, shafting systems, pumps and piping systems, HVAC systems, electrical wiring and motor controllers, PLC based control system, hydraulic systems and other complex electronics and machinery commonly found in a marine environment
- Experience in electrical/electronic systems and troubleshooting
- Experience in corrective and preventative maintenance records using a computer based maintenance management information system
- Experience in utilizing MS Windows based software for data entry, work order processing and materials requisitioning



Required License:

- Must possess and maintain a current, valid California driver's license and satisfactory driving record (Operates District Vehicles).
- No DUI's or Reckless Driving codes within the last 7 years.
- No more than two moving violations within the last 3 years.

Required Tools:

- Must have a full set of journey level hand tools to accomplish assigned work.

Hours:

- Shifts are scheduled based on seniority.
- The Ferry Maintenance Department operates 7 days per week, except Thanksgiving, Christmas, and New Year's day.
- Must be available to work all shifts; some overtime maybe required to handle emergencies.

Physical Requirement:

Requires frequent and extensive physical activities such as: lifting and manipulating up to 50 lbs., bending, standing, stooping, kneeling, twisting, climbing, gripping, and other movements related to essential duties. Work around fumes, odors and dust in an occasionally high noise level environment with appropriate personal protective equipment. Ability to wear a respirator and be fit tested. Must wear hearing protections when performing certain duties.