



JOB TITLE:	FERRY MECHANIC	DIVISION:	FERRY
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, the Ferry Mechanic performs preventative, scheduled and unscheduled maintenance, trouble-shooting, repair, and modifications on structural, mechanical, electrical, hydraulic, piping and control systems found on ferry vessels and passenger terminals; performs related work as assigned. Responsibilities include 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.
- Conducts tests, analyses and measurements as directed to diagnose any unusual, erratic or malfunctioning occurrence in any shipboard or terminal system or component.
- Reports any unusual wear patterns, noise, pressure, temperature, or changes in voltage, current, cycles, resistance or any other indication of potential malfunction.
- References manufacturer schematics including blueprints, drawings and specifications to resolve maintenance issues.
- References parts catalogues and other sources to determine correct parts for specific applications.
- Performs inspections, preventive maintenance, repairs and overhauls as directed.
- Documents and records work performed and parts and materials used in the electronic maintenance system.
- Reports all safety hazards and corrects unsafe situations immediately where possible.
- 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.
- Operate a forklift and other equipment/vehicles safely.
- Interacts on a regular basis with vessel operations personnel.



- 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 propulsion and auxiliary machinery and other supporting systems (i.e., electrical, plumbing, electronics, hydraulics and HVAC in a commercial application.
- Maintenance and troubleshooting principles and best practices.

Skill in or Ability to:

- Understand, read and communicate (both orally and in writing) in Standard English.
- Interpreting and applying oral and written instructions in a consistent manner.
- Reading and reasoning skills to aid in troubleshooting equipment, understanding manufacture and engineering schematics and system drawings.
- Maintain corrective and preventative maintenance records using a computer-based maintenance management information system.
- Perform tasks with limited direction, and minimal supervision.
- Demonstrate ability to make logical decisions and sound judgments using common sense.

Desirable Knowledge, Skills and Abilities

- Machine shop fabrication skills, familiar with lathe and mill use for the purpose of modification and fabrication of components.
- Welding, steel and aluminum, in shop setting and on-site.
- Electrical/electronic systems, motor controllers, power distribution, PLCs, and ability to troubleshoot the same.
- Off-highway and/or marine diesel engine operation and maintenance

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 progressively responsible journey level full-time work experience performing to the maintenance and repair of heavy equipment which should include mechanical, electrical or welding repair, and at least one year in an industrial environment.
- 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 work in a constant state of alertness and in a safe manner. Ability to wear a respirator and be fit tested. Must wear hearing protections when performing certain duties.