



Classification: Marine Mechanic I

Title Code: V00620

Pay Range: 17

POSITION SUMMARY: This is an entry level position where the employee performs general repair and maintenance on patrol watercraft/watercraft trailers. Duties also include cleaning and maintaining the work area as well as ordering and picking up parts and supplies. Work is performed under general supervision.

DESCRIPTION OF DUTIES PERFORMED (Any one position may not include all of the duties listed nor do the listed examples include all tasks which may be found in positions of this class.):

Performs basic diagnosis and repair of watercraft electrical systems including starting, charging, and lighting systems.

Performs basic diagnosis and repair of watercraft fuel systems including fuel lines, pumps, tanks, and injection systems.

Performs basic diagnosis and repair of watercraft motor cooling systems.

Performs basic diagnosis and repairs of watercraft steering.

Performs basic diagnosis and repair of watercraft electronic control systems.

Performs minor repairs to inboard and outboard motors, lower units, sterndrives, and jet pumps.

Performs basic watercraft exhaust system repairs.

Performs minor hull repairs and replacement of vessel trim and accessory parts e.g., windshield, doors, handles, latches.

Mounts, balances, and repairs tires.

Performs preventative and basic maintenance on Patrol watercraft and trailers.

Performs basic diagnosis and repair to trailers, including, but not limited to, lighting and brake systems.

Maintains and installs emergency lighting and sirens.

Fabricates simple brackets and other small parts necessary for the repair or equipping of Patrol watercraft and trailers.

Cleans and details Patrol watercraft, vehicles, and equipment.

Transports Patrol watercraft and water tests serviced watercraft to ensure they are operating properly.

Picks up, delivers, and unloads parts or supplies.

Prepares appropriate paperwork documenting any maintenance or repairs.

Performs other related work as assigned.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES: Basic knowledge of the standard practices, methods, tools, and equipment of the marine mechanic trade.

Basic knowledge of all watercraft systems, including, but not limited to, motor, propulsion, steering, electrical, and electronics systems.

Basic knowledge of the occupational hazards and standard safety precautions of the marine mechanic trade.

Basic knowledge of watercraft and trailer repair procedures.

Skill in the use of tools and in operating equipment, including computer diagnostic equipment, utilized in the marine mechanic trade.

Skill in the diagnosis and repair of minor defects in watercraft and trailers.

Skill in performing minor welding tasks using oxyacetylene and electric arc welding equipment.

Ability to document repairs to, and parts used on, Patrol watercraft using a personal computer.

Ability to work under varying climatic conditions.

Ability to work independently with general supervision.

Ability to lift 50 pounds and move parts, tools, and supplies associated with a garage facility.

Ability to position self and equipment necessary to inspect and repair Patrol watercraft and trailers.

Ability to operate vehicles and watercraft as needed to include towing and backing trailered units.

Ability to effectively perform minor maintenance and repairs to Patrol watercraft and trailers.

Ability to operate basic office equipment as detailed in the description of duties.

Ability to handle restricted and confidential information in a professional manner and maintain the information as such.

Ability to communicate in English clearly and concisely, both orally and in writing.

Ability to establish and maintain harmonious working relations with others.

Ability to work with material that may be of a sexual nature relating to criminal activity (e.g., written material, photographs, and/or verbal language, etc.).

Ability to work hours as assigned, to include occasional after hour or weekend call outs.

Ability to travel throughout the state including occasional overnight travel.

MINIMUM EXPERIENCE AND EDUCATION REQUIRED (The following represents the minimum qualifications used to accept applicants, provided that equivalent substitution will be permitted in case of deficiencies in either experience or education.):

Possession of a high school diploma or equivalent

AND

Successful completion of a two-year watercraft or power sports repair course, or two years of experience in a position where the primary responsibility is watercraft repair.

NECESSARY SPECIAL REQUIREMENTS: Possess or obtain and maintain a valid Missouri Driver's License.

Must be at least eighteen years old at the time of appointment.

If born after January 1, 1984, possess or obtain a Missouri Boaters Safety Certification Card.

FLSA STATUS: Non-Exempt

WORK SCHEDULE: An employee in this position works an eight-hour shift as directed; however, working hours are subject to change at the discretion of the commanding authority.