

COMMONWEALTH PORTS AUTHORITY
Position Description

MECHANIC III - ARFF

Code 409

Nature of Work

Performs and supervises advanced mechanical repair and maintenance activities for Aircraft Rescue and Fire Fighting (ARFF) vehicles, emergency generators, heavy equipment, and related mechanical systems of the Commonwealth Ports Authority (CPA).

This position serves as a lead-level mechanic responsible for coordinating work assignments, performing complex diagnostics and repairs, and ensuring the operational readiness of ARFF equipment. Work is performed under the general supervision of the Chief Mechanic or ARFF Chief or their designee and is reviewed through inspection of completed work, operational performance of equipment, and required documentation.

Examples of Duties (Illustrative)

- Performs advanced diagnostics, repair, overhaul, and preventive maintenance on ARFF vehicles, emergency generators, heavy equipment, and related mechanical systems.
- Assigns and coordinates work activities of subordinate mechanics and provides technical guidance and oversight.
- Ensures proper application of manufacturer specifications, technical manuals, and maintenance procedures.
- Reviews work orders and recommend modifications when necessary to ensure safe and effective repairs.
- Coordinates preventive maintenance schedules to ensure operational readiness of ARFF equipment.
- Responds to urgent and emergency repair needs to support ARFF operational requirements.
- Ensures compliance with applicable local laws, federal regulations, FAA standards, OSHA requirements, and CPA policies and procedures.
- Maintains accurate records of maintenance, repairs, inspections, and parts usage.
- Prepares and submits technical and operational reports as required.
- Provides training, instruction, and technical assistance to subordinate personnel.
- Evaluates equipment performance and recommends improvements, upgrades, or replacements.
- Applies current technology and best practices to improve efficiency and reliability of mechanical operations.
- Performs other job-related duties as assigned.

Minimum Requirements of Work

- Knowledge of principles, methods, tools, and practices used in automotive and heavy equipment maintenance and repair.
- Knowledge of ARFF vehicles, emergency generators, and related mechanical systems.
- Knowledge of applicable safety standards, FAA regulations, OSHA requirements, and relevant local and federal laws.
- Skill in diagnosing and repairing complex mechanical and electrical systems.
- Ability to interpret technical manuals, schematics, and manufacturer documentation.
- Ability to plan, assign, and review work performed by others.
- Ability to communicate effectively, orally and in writing.
- Ability to maintain accurate records and prepare reports.
- Ability to establish and maintain effective working relationships with supervisors, coworkers, and stakeholders.

Minimum Qualifications

Any combination of education and experience equivalent to:

- Graduation from high school or possession of a G.E.D.; and
- Completion of a recognized vocational or technical training program in automotive, diesel, heavy equipment, or a related field; and
- Five (5) years of progressively responsible experience in automotive and heavy equipment repair and maintenance, including at least two (2) years in a lead or supervisory role.
- Experience with ARFF vehicles and emergency generators is preferred but not required.
- Shall have no record of felony or criminal conviction.

Pay Range

Pay Level: 12
Minimum: \$12.42 per hour (PL 12/1).
Maximum: \$21.24 per hour (PL 12/12).

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