

# OPERATIONS MAINTENANCE MECHANIC

Job Code	Pay Grade
13698	CL13

## Nature of Work

This is skilled mechanical work in the preventive maintenance and repair of bridges, small engines and light construction equipment. Employees in this class perform maintenance mechanical work associated with complex inspection, maintenance and repair to bridges and small engines and light construction equipment to minimize equipment and mechanical operating problems and prevent failures by making minor or necessary mechanical repairs. Work requires the exercise of considerable independent judgment and initiative. The position reports to a supervisor or designee.

## Minimum Qualification Requirements

- 1 year experience in movable bridge preventive maintenance and 4 years of journeyman level experience in the maintenance and repair of small engines and light construction equipment; or
- 1 year experience in movable bridge preventive maintenance and completion of an Associate's degree or 2 year vocational or technical trades certification or diploma in a related field plus 2 years of journeyman level experience in the maintenance and repair of small engines and light construction equipment; or
- An equivalent combination of education, training, and/or experience.

## Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Candidate to possess current valid certification(s) in applicable subject matter areas required to perform specified position assignments, such as, International Municipal Signal Association (IMSA) Certification, Pipe Assessment Certification, or other required licenses or designations identified.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

## Illustrative Tasks (These are examples and are not all inclusive.)

- Performs preventive maintenance to bridges, including inspecting concrete components, speed reducers, operating mechanism, machinery supports, frames, mounting bolts, internal disk brake, and main cylinder seal.
- Tests structural and mechanical parts, and repairs or replaces pistons, shafts, brake shoes, fasteners, and seals as required and scheduled basis.
- Diagnoses causes of small engine and light construction equipment failure, estimates nature and extent of repair services required.
- Performs highly skilled maintenance mechanical work associated with complex or difficult bridge or small engine or light construction equipment problems.
- Requisitions shop supplies and equipment such as replacement parts, fuels, lubricants, tools, testing instruments and gauges.
- Maintains records of services and maintenance.
- Performs related work as assigned or required.

## Knowledge, Skills, and Abilities

- Knowledge of the principles of movable bridge preventive maintenance.
- Knowledge of the principles of electrical, hydraulic, mechanical, pneumatic and vacuum sub-systems and components of small engines and light construction equipment.
- Knowledge of the occupational hazards, safety precautions and inspection techniques of the small engine and light construction equipment repair trade.

## OPERATIONS MAINTENANCE MECHANIC (continued)

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### Knowledge, Skills, and Abilities (continued)

- Skill in the use of tools, machines and testing instruments used in the maintenance and repair of bridges and overhaul of small engine and light construction equipment.
- Ability to apply knowledge of equipment operating principles to inspect, diagnose or correct malfunctions of bridges and small engines and light construction equipment.
- Ability to use manuals and schematics in servicing small engines and light construction equipment and maintain service records and reports.
- Ability to endure long periods of standing, walking or working in inclement weather and possession of sufficient physical strength and agility to lift and move heavy objects.

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Revised	EEOC Code	Overtime Code
9/13	Skilled Craftsman	Classified