

**Evaluation Statement
Maintenance Worker
WG-4749-08**

I. Background

This position is located at a national wildlife refuge or fish hatchery and involves a variety of duties and trade practices in support of the station program. This position performs intermediate trades work to maintain and repair grounds, exterior structures, buildings, fixtures, and utilities.

II. References

- A. Office of Personnel Management (OPM) Federal Wage System (FWS) Job Grading Standard (JGS) for Maintenance Mechanic, WG-4749, TS-30, May 1974
- B. OPM FWS JGS for Electrician, WG-2805, TS-55, June 1989
- C. OPM FWS JGS for Welding, WG-3703, TS-30, May 1974
- D. OPM FWS JGS for Sheet Metal Mechanic, WG-3806, TS-8, September 1968
- E. OPM FWS JGS for Utility Systems Repairer-Operator, WG-4742, TS-69, July 1993
- F. OPM FWS JGS for Air Conditioning Equipment Mechanic, WG-5306, TS-17, June 1971
- G. OPM FWS JGS for Heating and Boiler Plant Equipment Mechanic, WG-5309, TS-65, November 1992
- H. OPM FWS JGS for Engineering Equipment Operator, WG-5716, TS-4, January 1969
- I. OPM FWS JGS for Heavy Mobile Equipment Mechanic, WG-5803, TS-59, January 1991
- J. OPM FWS JGS for Automotive Mechanic, WG-5823, TS-57, June 1990

III. Title and Series Determination

This position performs a variety of maintenance and repairs on structures and grounds. Since different trades are represented, this position is included in the Maintenance Mechanic series, WG-4749. Since this position performs WG-8 level work, it is titled Maintenance Worker.

IV. Grade Determination

This position performs a variety of duties to maintain and repair fishery or refuge structures, buildings, fixtures, utilities, and grounds requiring a combination of trade skills. At the WG-8

level, the worker determines the type of repairs needed using visual examinations and operational tests. The worker uses a variety of equipment and hand and power tools, and may assist higher graded workers.

Electrician, WG-2805

An electrical worker at the WG-8 level installs, removes, replaces, and repairs common electrical components typically found in family housing units, office buildings, and shops. The worker follows wiring diagrams and use a variety of test equipment.

Welding, WG-3703

Sheet Metal Mechanic, WG-3806

The WG-8 welding worker uses a variety of welding methods to perform standard welding operations to join a variety of parts and components, on commonly used metals, and welds are made in flat or horizontal positions. The WG-8 sheet metal worker usually constructs and installs items with straight edges or regular curves. They join metal using a variety of seam types, and assembles items with rivets, bolts, welds, or solder.

Utility Systems Repairer-Operator, WG-4742

Air Conditioning Equipment Mechanic, WG-5306

Heating Equipment Repairer, WG-5309

These series standards cover work involving repairing and operating utility systems such as heating, ventilation, air conditioning equipment (HVAC), and water and wastewater systems. At the WG-8 level, the worker performs various checks, tests, adjustments, and troubleshooting for proper performance and operation of equipment. Repairs commercial and residential air conditioning and refrigeration units, attic and evaporative fans, and evaporative coolers. Repairs heating equipment and systems such as oil heaters, hot air furnaces, and heating boilers typically found in offices, shops, residential housing, and warehouses. Such heating and air conditioning units are found on refuges and hatcheries.

Engineering Equipment Operator, WG-5716

The WG-8 level equipment operator uses earth and material moving equipment such as front-end loaders and bulldozers on flat or rolling terrain. This is comparable to stations using engineering or "heavy" equipment operators to build dikes or dams, clear land, and bury refuse or materials.

Heavy Mobile Equipment Mechanic, WG-5803

WG-8 mechanics assist higher level mechanics in disassembling, repairing, and assembling major systems, components, or mechanisms, and independently removes, adjusts, and replaces defective or worn parts. The worker has a basic understanding of mechanical, electrical, and hydraulic mechanisms to perform tune ups and adjustments.

Automotive Mechanic, WG-5823

The work at WG-08 involves making repairs by cleaning, reinstalling, or replacing defective parts such as spark plugs, worn brake shoes, and corroded mufflers. The employee uses visual checks and a variety of test equipment, performs "tune-ups" and adjusts timing.

V. Conclusion

Based on a combination of two or more of the above trades, this position is Maintenance Mechanic, WG-4749-08.

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APPROVED:  Date 4-28-23