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**Federal Wage System  
Job Grading Standards**



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**FEDERAL WAGE SYSTEM  
JOB GRADING  
STANDARD  
FOR  
MOBILE EQUIPMENT  
SERVICING,  
5806**



**Workforce Compensation  
and Performance Service**



# MOBILE EQUIPMENT SERVICING, 5806

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## WORK COVERED

This standard is used to grade nonsupervisory work involved in servicing automotive and mobile equipment such as automobiles, trucks, buses, ambulances, forklifts, and bulldozers. Typical service includes dispensing gasoline, checking fluid levels and tire pressures, inflating tires, washing cars, lubricating vehicles, installing simple accessory items, and changing and repairing tires and tubes.

## WORK NOT COVERED

This standard does not cover work that primarily involves:

- Pumping gasoline, oil, jet fuel, and other petroleum products, handling lines and hoses at dock or shipside operations, or measuring fuels as they are received, stored, transferred or loaded into equipment. (See [Job Grading Standard for Fuel Distribution System Operating, 5413.](#))
- Operation of gasoline, diesel or electric powered vehicles. (See [Job Grading Standard for Motor Vehicle Operating, 5703.](#))
- Disassembling, repairing, reassembling, and charging of batteries used in electric vehicles and other vehicles, including breaking down of batteries, diagnosing extent of repairs needed, and repairing or rebuilding of batteries according to diagnosis requirements. (See [Battery Repairing Series, 3725.](#))
- Repairing or replacing defective parts of components and systems such as wheel cylinders, fuel lines, condensers, mufflers, and brakeshoes on automotive vehicles such as passenger cars and trucks, and on heavy duty mobile equipment such as cranes, road graders, and tanks. (See [Job Grading Standards for Heavy Mobile Equipment Mechanic, 5803](#), and [Automotive Mechanic, 5823.](#))

## TITLES

Jobs covered by this standard are to be titled *Mobile Equipment Servicer*.

## GRADE LEVELS

This standard does not describe all possible levels at which jobs may be established. If jobs differ substantially from the skill, knowledge, and other work requirements described in the grade levels of this standard, they may warrant grading above these grades.

**5806-1                      MOBILE EQUIPMENT SERVICES, GRADE-1                      5806-1**

*General:* Under close supervision, Grade 1 mobile equipment servicers service vehicles and mobile equipment with fuel and water as requested by customers.

*Skill and Knowledge:* Grade 1 mobile equipment servicers must be able to operate electrically controlled pumps for dispensing gasoline, and to clean windshields and lights. They are expected to keep walking area and restrooms clean and orderly.

*Responsibilities:* Grade 1 mobile equipment servicers follow specific and easily understood oral instructions concerning work to be done that are given by supervisor or higher graded mobile equipment servicer.

*Physical Effort:* Grade 1 mobile equipment servicers frequently stand, walk and handle objects weighing up to 7 kilograms (15 pounds).

*Working Conditions:* The work is performed outside in all kinds of weather. There is frequent exposure to cuts and burns.

**5806-3                      MOBILE EQUIPMENT SERVICES, GRADE-3                      5806-3**

*General:* In comparison to work done at the grade 1 level, the work at this grade involves checking oil or water levels in crankcases, power steering, reservoirs, automatic transmissions, batteries, radiators, and other equipment as requested and adding fluid to correct levels.

*Skill and Knowledge:* In addition to work requirements at the grade 1 level, Grade 3 mobile equipment servicers must be able to remove and install wiper blades, light bulbs, and similar items; to check air pressure in tires and inflate to correct pressure; to charge batteries and add distilled water or battery acid as necessary; to take daily meter readings of pumps and "dip-stick" readings of gasoline storage tanks; and to check for presence of water in storage tanks. They may also be required to wash cars, clean interiors, lubricate hinges, and do other related duties.

*Responsibility:* Work is assigned orally by a higher grade worker or supervisor. In comparison with the grade 1 level, Grade 3 mobile equipment servicers may be held accountable for cash receipts under the pump island control system. Observance of all fire and safety rules and regulations is mandatory.

*Physical Effort:* Along with the physical effort described at the [grade 1 level](#), occasionally heavy lifting is required at this grade such as handling cans and drums or petroleum products weighing up to 18 kilograms (40 pounds).

*Working Conditions:* The working conditions are similar to those described at the [grade 1 level](#).

**5806-5                      MOBILE EQUIPMENT SERVICER, GRADE-5                      5806-5**

*General:* In comparison to work done at the grade 3 level, the work at this grade involves repairing tires, lubricating vehicles according to specifications, and replacing automotive accessories.

*Skill and Knowledge:* In comparison with the grade 3 level, Grade 5 mobile equipment servicers must be able to drain and change lubricants in crank cases, differentials, and transmissions; to lubricate vehicles and replace oil and air filters; to check fluid levels in braking systems and power steering reservoirs; to replace accessories such as rear view mirrors; to rotate, replace, and repair tube and tubeless tires with a plugger or a hot or cold patch; and be skilled in the use of a battery cell tester, a battery hydrometer, and the tools necessary to complete these and other such assignments. They should know how to check components such as spark plugs, fan belts, tail pipes, hoses and similar items; and to make replacements and adjustments. They refer any observed need for major repairs to automotive mechanic or other appropriate worker. They are required to be able to record amounts of gasoline, oil, and other supplies issued; and to keep an inventory of gasoline and other supplies on hand.

*Responsibility:* At this level, work is assigned by the supervisor either orally or in writing. Work is seldom checked while in progress but rather on the basis of customer satisfaction. In completing assignments, Grade 5 mobile equipment servicers select proper tools and have greater responsibility in determining work methods and sequences.

*Physical Effort:* The physical effort is similar to that described at the [grade 3 level](#). Additionally, Grade 5 mobile equipment servicers frequently bend, reach, and work in awkward positions when performing work in lube pits or from car racks.

*Working Conditions:* The work is performed either inside or outside. However, it is generally done inside in areas that are dirty, oily, greasy, and there is constant exposure to minor cuts, bruises, and burns.

**5806-6                      MOBILE EQUIPMENT SERVICER, GRADE-6                      5806-6**

*General:* In comparison to work performed at grade 5, the work at this grade involves servicing a wide variety of heavy mobile equipment such as tanks, cranes, tractors, road graders, and loaders.

*Skill and Knowledge:* In comparison with the grade 5 level, Grade 6 mobile equipment servicers must be able to read and use blueprints and technical publications. They are required to have a thorough knowledge of the characteristics and use of various lubricants, cooling system protective agents, and hydraulic compounds. Grade 6 mobile equipment servicers drain moisture from air tanks, install alcohol in air systems, change oil and filters on hydraulic systems which operate hoists and tailgates, service fifth wheel on tractors or mechanisms for locking and holding tractors, and repair all sizes of tires. They must have basic operating knowledge of all equipment serviced in order to test them for proper operation. They also perform lubricating and other services on heavy mobile equipment in the field from lubrication field service vehicles equipped with an air compressor, reels, hoses, pumps, and guns. They perform preventive maintenance on these field service vehicles and its equipment.

*Responsibility:* Work is assigned similar to that at grade 5. At this level, mobile equipment servicers determine the proper lubricant or solvent mixtures to use, the proper tools and equipment to use, and the work methods to follow. The work, especially that performed in the field, is not usually checked while in progress.

*Physical Effort:* The physical effort is similar to that described at [grade 5](#). However, at the grade 6 level, mobile equipment servicers frequently work on top of equipment at heights up to 6 meters (18 feet) above ground and underneath vehicles by use of a creeper, and occasionally lift and carry objects weighing up to 23 kilograms (50 pounds).

*Working Conditions:* The working conditions are similar to those described at [grade 5](#). Much of the work at this level, however, is performed outside in various weather conditions.