# Equipment Mechanic I

**Grade: 4**

**FLSA: Non-Exempt**

**Date: 05/17**

**Job Summary:** Diagnose and correct major malfunctions of motor vehicles and heavy construction equipment; performs other duties as assigned.

**Essential Functions:**

1. Installs complete assemblies such as engines, transmissions or axles;
2. Checks, repairs or replaces various standard components and sub-assemblies such as cylinder heads, carburetors, generators, oil pumps, starter motors, brake linings, wheel bearings and ball joints;
3. Conducts electronic engine analysis and various specialized tests such as distributor resistance, manifold vacuum, fuel pump vacuum, cylinder compression or specific gravity;
4. Checks front wheels for proper alignment including testing for caster and camber, and adjusts or replaces worn parts as necessary;
5. Inspects, diagnoses and repairs other major malfunctions of motor vehicles and heavy construction equipment;
6. Tunes engines and adjusts valves, spark plugs, ignition systems, timing, brakes, and clutch.
7. Performs general maintenance on cars, trucks, and heavy equipment, including but not limited to fluid changes, filter replacement, lubrication, tire rotation/balancing, wiper blades.
8. Diagnoses and performs mechanical repairs, including but not limited to brakes, exhaust, bearings, clutches, charging systems control mechanisms, etc.
9. Operates drill press, valve refacer, and other power equipment as necessary;
10. Road tests automobiles, trucks, tractors or other heavy construction equipment;
11. Perform basic welding or fabricating tasks with mig or stick welding;
12. Performs other duties as assigned.

**Required Knowledge, Skills, and Abilities:**

1. Ability to gain working knowledge of St. Mary’s County Government policies and procedures;
2. Ability to safely operate a motor vehicle and various heavy equipment;
3. Knowledge of safety regulations and established procedures for operating equipment as well as for ensuring public safety;
4. Ability to operate computers and other office equipment;
5. Knowledge of the basic principles of operations, basic components, common malfunctions, corrective repair practices and preventive maintenance techniques for internal combustion engines and various motor vehicle systems and sub-assemblies

**Education and Experience:**

1. High school diploma or G.E.D.;
2. Three (3) years’ experience in maintenance and repair of motor vehicles and heavy motor equipment, or equivalent technical training, education, and/or experience.

**Additional Requirements:**

1. Must have or obtain a DOT physical examination prior to employment;
2. Position is classified as safety-sensitive and shall be subject to drug and alcohol testing as required under federal regulations;
3. Must have class B commercial driver’s license with a passenger endorsement or obtain one within six (6) months of appointment.

**Physical and Environmental Conditions:**

Work demands constant physical effort, for example operating heavy equipment, vehicles, and tools over 60 pounds.

Work involves risks or discomforts which require special safety precautions, e.g., working around moving parts, or machines. Employees may be required to use protective gear such as boots and gloves; may require working in adverse weather conditions.

The above job description is not intended as, nor should it be construed as, exhaustive of all responsibilities, skills, efforts, or working conditions associated with this job.

Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions of this job.

I certify that this is an accurate statement of the essential functions and responsibilities of this position.

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HR Representative Date

Your signature below indicates that you have received a copy of this position description.

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Employee’s Signature Date