

MECHANIC III – HEAVY DUTY

DEFINITION

Under the direction of the Transportation Manager, performs a variety of skilled journey-level repairs, overhauls and maintains buses, passenger vehicles, heavy duty trucks and a variety of other gasoline and diesel powered motorized equipment; plans, organizes and coordinates mechanical services in performing a variety of repair, overhaul and maintenance functions; performs other related work as assigned and/or required.

ESSENTIAL DUTIES

- f* inspects and diagnoses mechanical defects on a variety of gasoline and diesel powered buses, trucks, automobiles, and other motorized and non-motorized equipment
- f* reviews mechanical repair orders; plans and lays out the mechanical service tasks
- f* observes, listens to, and evaluates mechanical defects and malfunctions
- f* rebuilds, replaces or overhauls engines, transmissions, differentials, starters, generators, braking systems, clutches, fuel systems, electrical systems, and other mechanical assemblies
- f* performs engine tune-ups and ignition system adjustments
- f* inspects, adjusts, and relines brakes within specified guidelines
- f* uses hand and power tools, diagnostic equipment, and a variety of mechanical aides
- f* estimates time and material costs regarding repair and maintenance functions; establishes project completion timelines
- f* utilizes a variety of welding equipment in repairing and fabricating parts
- f* responds to emergency service needs
- f* may road test equipment and vehicles to ensure that repairs have been satisfactorily completed
- f* prepares requisitions and maintains an appropriate inventory of parts, materials, and supplies
- f* maintains a variety of records and files pertaining to mechanical service tasks; prepares operational reports as required

QUALIFICATIONS

Knowledge of: Principles, methods, materials, tools, and equipment used in the maintenance and repair of a variety of light to heavy duty gasoline and diesel powered equipment both motorized and non-motorized; principles and theories of the internal combustion engine, both two and four stroke; legal mandates, policies, regulations and guidelines pertaining to the repair, overhaul and maintenance of pupil transportation and automotive equipment; safe working methods and procedures.

Ability to: Diagnose and troubleshoot mechanical and electrical malfunctions and defects; operate and perform a variety of skilled and specialized journey-level gasoline and diesel-powered equipment repair, overhaul and maintenance functions; interpret mechanical, electrical and other schematics and diagrams; maintain records and files; prepare complete and concise reports; coordinate the work of mechanical service personnel; understand and follow oral and written directions; establish and maintain cooperative working relationships.