

HEAVY DUTY MECHANIC

JOB SUMMARY	Under direction, perform journey level tasks in the inspection, diagnosis, maintenance, overhaul, and repair of vehicles such as automobiles, trucks, school buses, etc.
TYPICAL DUTIES	Inspect, diagnose, maintain, overhaul, and repair a variety of gas and diesel-powered school buses and related equipment. Diagnose motor knocks, noises, or mechanical failures through both road testing and the use of diagnostic equipment. Remove, repair, overhaul, and install engines; inspect, adjust, and replace defective mechanical units; repair or overhaul major units including brake systems, transmissions, differentials, and front and rear axles; overhaul steering gears and drive shafts; grinds valves; repair ignition systems; install windows in vehicles; may be required to perform acetylene or electric welding and brazing; diagnose and make repairs to electrical system on school buses and other vehicles; perform tune-ups as required. Maintain accurate, up-to-date records associated with all maintenance activities. Determine required repair parts for all jobs. Operate equipment on the open road to analyze motor troubles. Perform other related duties as assigned.
JOB REQUIREMENTS	Any combination of education, training, and/or experience which demonstrates ability to perform the required duties. A typical qualifying background would include graduation from high school or equivalent and three years work experience performing automotive/truck repairs. Must supply own hand tools. Must possess a valid class B-P California driver's license to road test vehicles as well as drive buses to and from repair site.
Knowledge of:	Methods, tools, materials, and equipment used in the maintenance, adjustment, overhaul, and repair of gasoline and diesel-powered school buses and other vehicles. Methods used in a program of preventative maintenance for school buses; diagnostic testing techniques; operation of diagnostic maintenance and repair tools and equipment; automotive/buses electrical systems; record-keeping techniques.
Ability to:	Understand, follow, and apply oral and written instructions. Inspect, diagnose, maintain, overhaul, and repair a variety of gas and/or diesel engines, including school buses. Use and operate shop tools, welding equipment and precision diagnostic instruments. Work cooperatively and effectively with others. Maintain work and material records and reports.
LICENSE	Must possess a valid class B-P California driver's license and maintain ability to qualify for district vehicle insurance.
PHYSICAL ABILITY	The selected candidate must be able to perform the duties of a rigorous work schedule which includes lifting, loading, and unloading, and pass a

physical examination and drug screening certifying this ability.

**WORKING
CONDITIONS**

Work is usually performed in a repair shop environment and involves walking, kneeling, crouching, bending, lifting, and carrying objects weighing up to 100 pounds or more, grasping, pushing, pulling, seeing and hearing. Work is subject to traveling to sites of bus breakdowns, noise from equipment and exposure to fumes from equipment and adverse weather conditions and emergency road calls.