

APPLIANCE AND EQUIPMENT TECHNICIAN I

Definition

Performs skilled journey-level mechanical work required to maintain, install, troubleshoot, and repair a wide variety of motors, industrial arts equipment, machines, and major appliances; and performs related duties as required or assigned.

Typical Tasks (illustrative only)

Disassembles damaged or worn motors in shop; performs repair and rebuild operations such as rewiring and replacing armatures, bearings, bushings, brushes, and centrifugal or on-off switches; supervises and/or performs the maintenance and repair of a variety of electrical appliances, tools, and other equipment as assigned; repairs motors on location when necessary; maintains and repairs a variety of industrial arts machines and equipment in use at schools for instructional purposes; replaces motors, bearings, shafts, switches, pulleys, belts, gears, seals, guards, and other parts and components on equipment and machines such as power saws, joiners, planers, drill presses, sanders, grinders, lathes, welding equipment, air tools, hydraulic lifts, and jacks; maintains and repairs a variety of major appliances and related equipment in school kitchens and home economics and athletic departments such as ovens, food mixers, salad cutters, food carriers, compactors, electric ranges, dish-washers, scales, and commercial clothes washing machines and dryers; replaces motors, bearings, seals, gaskets, gear boxes, heating elements, switches, wiring, thermostats, controls, and various other parts and components as necessary; diagnoses defects and makes minor or major repairs; drives a vehicle to and from locations and keeps vehicle supplied with tools and materials; performs operator maintenance on vehicle and keeps it in orderly condition; keeps records and makes reports of work accomplished and materials used; and may work evening "swing" shift on a regular or rotating basis.

Supervision Received/Given

Receives limited supervision from a supervisor. May provide guidance and assistance to lower-graded full-, part-time, and/or hourly employees, as required.

Education/Experience/Skills

Any combination of education and experience equivalent to graduation from high school supplemented by completion of an acceptable apprentice-level mechanic training program, plus three years of progressively more responsible experience with electric motors, equipment, and machines or appliances, two years of which shall have been at the apprentice II or equivalent level. Can demonstrate knowledge of the methods, materials, equipment, and tools appropriate for equipment repair-related installation, maintenance, and repair activities; knowledge of common hazards and necessary safety precautions; knowledge of local, state, and national codes; ability to read and interpret instructions, diagrams, sketches, blueprints, and manufacturers' manuals; capability to estimate time and material needs, determine when repair is not economically practical, and to perform routine tasks and arithmetic computations; knowledge of basic computer skills; and strength and dexterity necessary to perform all required tasks including lifting, stooping, bending, and working in tiring and uncomfortable positions. Possession of an appropriate, valid motor vehicle operator's license.