ELECTRICIAN

GENERAL STATEMENT OF DUTIES: Works as a skilled electrician in the installation and maintenance of electrical wiring apparatus and equipment; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: This work involves performance of skilled and difficult electrical operations, and the making of important installation and repairs requiring a thorough knowledge of the trade. When not performing skilled electrical work, incumbents assist the general maintenance staff. General instructions are received from the Head Custodian regarding what tasks to perform, permitting considerable leeway for planning the details of individual jobs.

EXAMPLES OF WORK: (Illustrative only)

-Leads in the installation and repair of electrical light and power equipment at school facilities;
-Installs, maintains and repairs electrical motors, pumps, and generators;
-Installs and repairs fixtures, switches and lamps;
-Repairs and adjusts circuit breakers and regulators by replacing worn parts and repairing burned out contacts;
-Inspects and repairs wiring, cables, indicators and control systems;
-Inspects and repairs a variety of electrical equipment as assigned;
-Keeps an inventory of tools used in electrical work;
-Prepares requisitions for electrical tools and equipment;
-Repairs, maintains and inspects bells and alarm systems, clocks, electrical portions of heating systems and other equipment;
-Assists the general maintenance staff when not engaged in electrical work.

REQUIRED KNOWLEDGES, SKILLS AND ABILITIES: Thorough knowledge of the common practices, tools, terminology and accident precautions of the trade and of the design, construction, installation, maintenance and repair of electrical instruments, apparatus, and equipment; ability to work from plans and specifications and to follow rough sketches and oral instructions; ability to work with low and high potential circuits; conscientiousness and dependability; physical condition suitable to the demands of the position.

ACCEPTABLE TRAINING AND EXPERIENCE: Two years of full-time paid experience as a skilled electrician; or an equivalent combination of training and experience.