

ELECTRONICS TECHNICIAN SUPERVISOR

NATURE OF WORK IN THIS CLASS:

Supervises and participates in skilled work involving the installation, maintenance and repair of electronic equipment.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)

Supervises and participates in the maintenance, inspections and services of electronics medical equipment, such as physiological monitors, defibrillators, cardiac detectors with graph and memory loop, EKG machines, blood gas analyzers, to detect and repair defective parts.

Diagnoses and supervises repair of all types of electronic equipment; designs special electronic circuitry when needed, both digital and analog; discusses layout and assembly problems with Electronic Engineer and draws sketches to clarify design details and functional criteria of electronic units.

Designs and supervises the installation of industrial, scientific and related electronic equipment such as recorders, signal generators, anamometers, and temperatures probes; designs and fabricates printed circuit boards.

Analyzes and interprets test data; adjusts, calibrates, aligns, and modifies circuitry and components and records effects on unit performance.

Develops charts, graphs, and schematics to describe and illustrate systems operating characteristics, malfunctions, deviations from design specifications and functional limitations for consideration by professional engineering personnel in broader determinations effecting systems design and laboratory procedures.

Interprets and works directly from manuals, sketches, blueprints and schematic diagrams.

Applies and enforces safe work practices on the job.

Maintains records and prepares reports.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the methods, procedures and equipment used in the installation, maintenance, repair and testing of electronic

Page 2
ELECTRONICS TECHNICIAN SUPERVISOR

equipment.

Knowledge of the basic theories of electronics and electricity.

Knowledge of the occupational hazards and safety practices of the trade.

Ability to supervise the work of others.

Ability to evaluate operational effectiveness and recommend changes for improvements.

Ability to estimate time and material costs for work projects.

Ability to interpret and work from schematic diagrams.

Ability to make decisions in accordance with appropriate program guidelines and procedures.

Ability to apply and enforce safe work practices on the job.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and prepare reports.

Skill in the maintenance and repair of electronic equipment.

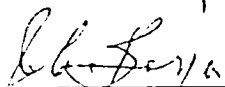
MINIMUM EXPERIENCE AND TRAINING:

a) Six years of experience in the installation, testing, maintenance and repair of electronic equipment, including two years at the skill level; or

b) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

ESTABLISHED: July, 1980

Wage: W26



J.C. BORJA, Executive Director
Civil Service Commission