

Class Concept

Positions in this classification independently perform or coordinate the work in the implementation of a maintenance program for dental and related equipment and in the installation, maintenance, repair and modification of dental and related equipment.

Positions in this class install, perform required preventive maintenance and effect mechanical, electrical, or pneumatic repairs as necessary on a variety of clinical and laboratory dental equipment. Work sometimes requires the machining of duplicate parts where replacement parts are not available or the fabrication or modification of equipment to meet special clinical or laboratory needs. During periodic replacement of dental equipment, positions connect equipment to building systems, and test equipment making adjustments and calibrations as required. In addition, positions instruct users on the proper operation and routine maintenance of equipment.

Dental Equipment Technicians are responsible for maintaining an effective maintenance program for dental and related equipment in a variety of dental clinics and laboratories. Positions consult with dentists on clinic layout and equipment needs, review supplier catalogs to assist in the selection of equipment, supervise or coordinate the installation of equipment, field test and evaluate equipment, and plan programs for preventive maintenance. Positions are also responsible for maintaining an adequate supply of repair parts. In addition, positions instruct users on the proper operation and routine maintenance of equipment. Work can include the training and technical supervision of other Dental Equipment Technicians

Recruitment Standards

Knowledge, Skills, and Abilities

- Working knowledge of the types, use, and repair of a variety of laboratory and clinical dental equipment.
- Working knowledge of the types and uses of tools and equipment used in the repair of dental equipment.
- Mechanical, electrical, and pneumatics knowledge sufficient to troubleshoot and repair dental equipment.
- Ability to diagnose equipment malfunctions and prescribe repair procedures.
- Ability to instruct others in the proper operation and routine maintenance of dental equipment.

Minimum Education and Experience

High school or General Education Development (GED) diploma and three years of progressive experience in the repair and maintenance of a variety of mechanical, electrical, or pneumatic equipment preferably including some experience with dental equipment; or an equivalent combination of education and experience.