

MAINTENANCE MECHANIC II (MEDICAL EQUIPMENT)

DISTINGUISHING FEATURES OF THE CLASS: Under supervision of the Chief of X-Ray and/or Director of Medical Physics, the incumbent of this class is responsible for conducting routine cleaning, repair and maintenance of x-ray cassettes, view boxes, and film processors as part of a quality control program to insure the quality of the images produced. Responsibility also involves the review of existing contracts for the maintenance of equipment to insure vendor compliance and recommendations for approval of new maintenance contracts. Supervision is not a responsibility of this position. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Issues reports relative to the quality and effectiveness of vendors contracted to perform maintenance and calibration of X-Ray equipment;

Conducts and records evaluations of cassette/screen integrity and film/screen contact;

Conducts periodic cleaning and repair of cassettes;

Conducts and records evaluations of darkroom integrity and arranges for correction of problems found;

Arranges for the cleaning, changing of bulbs and maintenance of mechanical integrity of the view boxes;

Conducts the sensitometric monitoring of the x-ray film processors and maintains logs of the daily results;

Arranges with the Chief Technologist for correction of any problems identified by the sensitometric testing;

Conducts periodic reject/repeat film analysis and submits report to Q.A. Committee;

Performs periodic quality control testing of x-ray equipment. The frequency of the tests and the items to be tested will be established by the Radiologic Quality Assurance Committee;

Maintains records of the quality control tests;

Discusses results of Q.C. tests with Chief Technologist and Director of Medical Physics;

Maintains a log of service performed on x-ray units in the appropriate book for each unit;

Conducts and records periodic testing of lead shielding devices (aprons, gloves, gonadal shields);

EXAMPLES OF WORK: (Illustrative Only) (Cont'd.)

Requisitions and maintains inventory of appropriate instruments and supplies needed to perform all equipment quality control tests;

Performs routine and emergency repairs and maintenance, both scheduled in response to emergency situations, as required;

Performs such other quality control duties as developed and assigned by the Radiologic Quality Assurance Committee.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Skill in the use of common handyman tools; ability to perform simple mechanical repairs; ability to follow oral instructions; ability to read and understand simple directions; initiative and industriousness in work performance; ability to work well with others; tact; reliability; accuracy; willingness to follow a prescribed regimen; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) high school or equivalency diploma and four years experience working with medical equipment; or (b) six years experience as stated in (a).

SPECIAL REQUIREMENT: Depending on work assignment, must meet standards of OSHA regulation 1910.134 Respiratory Protection, and will be required to meet Federal, State and local standards with respect to health and safety.