

RADIOLOGICAL TECHNOLOGIST 1

Nature of Work: Under general supervision performs work at the full-performance level preparing and operating radiographic equipment utilized to take general radiographs and fluoroscopic procedures. Maintains equipment, supplies, patient records and reports. Reads and follows instructions from requisitions concerning the necessary radiological examination to be performed. Explains exam procedures to patients to insure their cooperation and to allay their anxiety about the exam. Follows regulated methods and procedures in order to achieve high quality radiographs and to insure the safety of the patient. Develops radiographs and checks for image clarity. Performs follow-up if necessary. Distributes radiographs to appropriate medical staff. Will be required to cover on-call as needed. May be required to conduct radiographic clinics held throughout the state. Performs related work as required.

Distinguishing Characteristics: This is the entry level in the series and is full-performance work preparing and operating radiographic equipment utilized to take general radiographs and fluoroscopic procedures. This series level is utilized by health facilities, and also by the Office of Epidemiology and Health Promotion to conduct radiographic clinics throughout the state.

Examples of Work

- Takes x-rays when ordered by physicians, explains procedures to patient, positions patients anatomically for exam, selects technical factors on machine, insures proper and accurate exposures to patient, and provides radiation protection to patient as well as technologist. Uses appropriate markers on all radiographs.
- Develops radiographs in darkroom and is responsible for the general over-all maintenance of darkroom. Keeps cassettes and screens clean and free of artifacts for good quality radiographs.
- Performs fluoroscopic exams and prepares room and equipment for exam. Performs exams utilizing iodinated or water-based contrast media and being prepared to handle any emergency situations involving allergic reactions.
- Performs tomographic procedures and assembles equipment for such procedures.
- Performs portable exams whenever necessary in the emergency room, intensive care unit, nursery, medical/surgical unit and the operating room.
- Responsible for daily performance of x-ray equipment and overall cleanliness of work area and to stock rooms with necessary supplies.
- Schedules radiological procedures with patients. Explains special preparations to patients and medical personnel.
- Prepares radiographs for radiologist interpretation.

RADIOLOGICAL TECHNOLOGIST 1 (CONT'D)**Knowledge, Skills and Abilities**

Knowledge of standard techniques utilized in the operation of radiographic equipment.

Knowledge of the methods and techniques in the processing of radiographs.

Knowledge of regulated safety measures and procedures.

Knowledge of the human skeletal system, anatomy, and the proper positioning of patients to obtain optimal results.

Ability to carry out oral and written instructions from a physician.

Ability to effectively communicate with patients in order to gain their confidence and cooperation.

Ability to maintain proper record and reports.

Minimum Qualifications

Training: License or temporary permit to practice radiological technology, issued by the Board of Examiners for Radiologic Technology.

Note: Preference may be shown to those applicants who are **ARRT** registered or registry eligible. Possession of a current West Virginia drivers license may be required for some positions in this class.

Established: 7/16/92
Title Changed: 10/19/95
Revised: 03/24/03
Effective: 03/24/03