

### MEDICAL DIAGNOSTIC TECHNICIAN

DESCRIPTION: Incumbents of this class apply specialized diagnostic techniques such as X-ray, electrocardiograph, electroencephalograph and medical technology for patients, residents or members in state residential facilities. Work is performed under limited supervision.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Takes X-rays of patients, residents, members or employees as requested by a Physician or required by facility policy.

Determines appropriate X-ray technique including machine settings and patient positioning.

Operates X-ray developing machine or dark room facilities to develop X-rays.

Assists consulting Radiologists or staff Physicians in obtaining specialized X-rays.

Attaches straps to patient and operates electrocardiograph machine to obtain readings requested by Physician.

Attaches electroencephalograph electrodes to appropriate places on the patient's head and operates electroencephalograph console to obtain readings requested by Physicians.

Obtains specimens from residents and performs a broad range of laboratory tests including, but not limited to chemistry, hematology, urinalysis and toxicology.

Draws blood.

Fills out forms, labels and reports, and maintains files.

Performs routine maintenance on equipment.

Coordinates between the facility and medical diagnostic service vendors to obtain timely and technically adequate service.

Cleans work area.

FULL PERFORMANCE KNOWLEDGES, ABILITIES, AND SKILLS REQUIRED: (These may be acquired on the job and are needed to perform the work assigned.)

Knowledge of: the techniques of the diagnostic specialty or set of specialties assigned, including, but not limited to X-ray, electroencephalograph, electrocardiograph, and medical technology; medical record keeping standards and procedures of the employing facility in the assigned diagnostic area; safety and sanitation standards and procedures of the employing facility.

## MEDICAL DIAGNOSTIC TECHNICIAN (continued)

Ability to: work effectively with mentally retarded, mentally ill, alcoholic or geriatric patients; train or assist in the training of new employees; work with medical diagnostic service vendors to obtain timely and technically adequate service.

ENTRY KNOWLEDGES, ABILITIES, AND SKILLS REQUIRED: (Applicants will be screened for possession of these through written, oral, performance, and/or other evaluations.)

Knowledge of: the techniques of a medical diagnostic specialty including, but not limited to X-ray, electrocardiograph, electroencephalograph and medical technology; safety and sanitation standards applicable to the assigned diagnostic specialty; equipment maintenance, calibration and cleaning requirements for the assigned diagnostic specialty.

JOB PREPARATION GUIDELINES: (Entry knowledge, abilities, and/or skills may be acquired through, BUT ARE NOT LIMITED TO, the following coursework/training and/or experience.)

High school graduation or equivalent plus 18 months of experience in a medical diagnostic laboratory or graduation from a post-secondary program in X-ray or medical technology.