

## X-RAY MACHINE OPERATOR

### NATURE OF WORK

Work of this class involves the routine operation of X-ray equipment. Employees are responsible for taking and developing radiographs for screening and routine diagnostic purposes. Work is generally confined to chest X-rays in detecting tuberculosis and other respiratory disorders, but may include limited activity in orthopedics where positioning of patients is determined by a higher level technician or physician. Duties also include the clerical processing of records and reports. Work is performed in a state hospital or a state or local public health program under the close supervision of higher level X-ray technicians or physicians. Evaluation of work is by the quality of films produced.

### ILLUSTRATIVE EXAMPLES OF WORK

Makes routine radiographs by following standardized procedures.

Makes minor adjustments from prepared charts.

Process film through developing, fixing, washing, and drying processes; make up necessary solutions.

Records and files X-ray films and maintains routine files of patients' records, reports and material requisitions.

Keeps darkroom and X-ray room in a neat and orderly condition.

Performs related work as required.

### KNOWLEDGES, SKILLS AND ABILITIES

Some knowledge of the operation of X-ray equipment.

Some knowledge of the methods and techniques used in the processing of X-ray film.

Some knowledge of the proper positioning of patients to secure desired radiographs.

Some knowledge of the safety procedures involving radiation hazards.

Ability to gain the confidence of patients and secure their cooperation.

Ability to prepare routine reports and maintain related clerical records.

### ACCEPTABLE TRAINING AND EXPERIENCE

Graduation from high school and one year of experience in the operation of X-ray equipment; or an equivalent combination of training and experience.

### ACCEPTABLE TRAINING AND EXPERIENCE FOR A TRAINEE APPOINTMENT

Graduation from high school.

PREPARED BY  
NORTH CAROLINA STATE PERSONNEL DEPARTMENT