

**NUCLEAR MEDICINE TECHNOLOGIST****NATURE OF WORK IN THIS CLASS:**

This is professional nuclear medicine technology work.

Employee in this class perform the full range of complex professional duties, including independent work in specialized areas of the profession.

**ILLUSTRATIVE EXAMPLES OF WORK:** (Any one position may not include all the duties listed, nor do the examples cover all duties which may be performed.)

Performs a variety of technical procedures involving the utilization of radionuclides for the diagnosis, care and treatment of patients.

---

~~Prepares and administers radiopharmaceuticals to patients.~~

Measures glandular activity; traces radioactive doses and calculates amount of radiation, using equipment such as Geiger counters, electroscopes, scalers, scintillation and position scanners, and scintigrams.

Calibrates equipment; maintains sterility and quality control in accordance with standard laboratory procedures.

Executes blood volume, red cell survival and fat absorption studies, following standard laboratory procedures.

Maintains records and prepares reports.

May be assigned duties as an instructor in areas of specific competence.

Performs related duties as required.

**MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:**

Knowledge of the principles and practices of nuclear medicine technology.

Knowledge of the different types of scanning procedures.

Knowledge of the standard laboratory techniques and practices.

Ability to perform scanning procedures while keeping radiation exposure as low as possible.

Ability to make decisions in accordance with appropriate program guidelines.

Ability to work effectively with employees and the public.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and prepare reports.

Skill in the use and care of nuclear medicine equipment.

**MINIMUM EXPERIENCE AND TRAINING:**

- A) Two (2) years of professional experience in nuclear medicine work, and graduation from a recognized college or university with a Bachelor's degree in Radiologic or Nuclear Medicine Technology or related fields; or
- 
- B) Three (3) years of professional experience in nuclear medicine work, and completion of a two (2) year training program in Nuclear Medicine Technology in an American Medical Association approved school; or
- C) Any equivalent combination of experience and training beyond the two (2) year training program in Nuclear Medicine Technology in an American Medical Association approved school, which provides the minimum knowledge, abilities and skills and is certified as a Registered Nuclear Medicine Technologist.

**NECESSARY SPECIAL QUALIFICATION:**

Possession of a current certificate of registration as a Registered Nuclear medicine technologist by either the American Registry of Radiologic Technologists or the Nuclear Medicine Technologist Certification Board, or by any other equivalent certification board approved and/or recognized by the American Medical Association.

**ESTABLISHED:** January 1982  
**AMENDED:** January 1994  
**PAY GRADE:** M

  
\_\_\_\_\_  
ELOY P. HARA  
Executive Director  
Civil Service Commission