

RADIATION SPECIALIST 1

KIND OF WORK

First level professional investigative work in a radiological health and safety program.

NATURE AND PURPOSE

An employee in this class assists in conducting safety investigations and environmental studies involving the more routine sources of ionizing radiation in over 3200 health care, educational and industrial facilities where over 5600 ionizing radiation sources are located. This employee works closely with individuals and special interest groups in developing and implementing methods for correcting potential health hazards.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Conducts routine investigations of x-ray and radionuclide facilities so that hazards can be identified and recommendations made.

Assists in examination of plans and specifications for construction or alteration of industrial, dental, educational and medical facilities so that health hazards connected with the use of ionizing radiation can be identified and recommendations to owners, engineers, and builders on requirements and remedial measures can be made.

Conducts routine investigations of various phases of the environment to determine radionuclide contamination and assists in the planning of sample collection systems so that recommendations can be made.

Prepares complete reports so that the clientele can be advised of their status.

Prepares required charts and tables so that assistance can be provided to higher level personnel.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

The principles and practices of health physics and radiation safety.

Applicable health laws, rules and regulations.

Ability to:

Develop routine technical reports of investigations and studies.

Interpret programs to individuals, officials and special interest groups.

Make routine computations involving the application of health physics and radiological safety techniques.

Speak and write effectively.

Deal with the general public.

Est.: 7/63
Rev.: 7/69; 11/71; 9/77
Ckd.: 11/92

T.C.: 3/66; 7/67; 10/77
Former Title(s): Radiation Technician
Radiation Technician I
Radiation Technician II