

## GENERIC RADIATION PROTECTION PROGRAM (NAC 459.321)

This program is applicable to all persons working under Nevada Radiation Machine Registration No. \_\_\_\_\_

**PURPOSE:** To protect workers and the public from unnecessary exposure to radiation and to keep all exposures below the limits specified in Chapter 459 of the Nevada Administrative Code.

### REQUIREMENTS: IMPLEMENTATION & MAINTENANCE OF A RADIATION PROTECTION PROGRAM

The registrant is required to:

1. Provide the following instruction to each worker prior to the worker's engagement in work with a source of radiation:
  - a. Use of time, distance and shielding to keep exposure to radiation to a minimum.
  - b. Knowledge of the exact location of the source(s) of radiation in the restricted area.
  - c. Safe conduct of any operations or procedures in which the worker will be involved.
  - d. Regulations of the Health Division that apply to the particular type of radiation or radioactive material used in the facility.
2. Furnish the following equipment to the worker:
  - a. Personnel monitoring equipment if the potential level of radiation exposure to the worker is as much as 10% of the annual dosage limit specified in the regulations.
  - b. Protective clothing such as lead aprons, lead gloves, thyroid shields, leaded glasses, respirators and decontamination clothing, etc..., to keep exposure of the worker as low as reasonably achievable (ALARA).
3. Prevent any member of the public:
  - a. From entering a restricted area.
  - b. From being unnecessarily exposed to radiation or radioactive material.

*Note that a patient is not a member of the public when undergoing a procedure involving the diagnostic or therapeutic use of radiation or radioactive materials.*
4. **Review the radiation protection program at least on an annual basis:**
  - a. To determine whether the content and scope of the program is adequate to meet the purpose of the program.
  - b. To make any necessary changes in the program if it is found to be inadequate to meet the purpose of the program.
  - c. To determine whether the program is in constant effective use.
  - d. To make a record of the date of each review and the findings with respect to items 4.a., 4.b., 4.c. and sign the report.

Each employee of the registrant is required to:

1. Learn the instructions provided by the registrant.
2. Employ all safety procedures in daily work to avoid unnecessary exposure to radiation.
3. Sign a statement that the employee has studied the instruction, associated regulations and that any questions have been answered to his satisfaction by a registrant.
4. Prevent, any unnecessary radiation exposure to a fellow worker or to a member of the public.