

**VIRGINIA DEPARTMENT OF HEALTH
RADIOLOGICAL HEALTH**

P.O. Box 2448
Richmond, VA 23218
(804) 786-5932

INSTRUCTIONS FOR PREPARATION OF RH-F-8

This form or a clear legible record containing all the information required on this form must be prepared by each licensee or registrant of the Va. Health Dept. who, pursuant to § 5.101, proposes to expose an individual to a radiation dose in excess of the amounts specified in § 5.101-A of the regulations in the Va. Radiation Protection Regulations. The requirement for completion of this form is contained in § 5.102 of those regulations. The information contained in this form is used for estimating the external accumulated occupational dose of the individual for whom the form is completed. A separate Form RH-F-8 shall be completed for each individual to be exposed to a radiation dose in excess of the limits specified in § 5.101-A of the Va. Radiation Protection Regulations.

Listed below by item are instructions and additional information directly pertinent to completing this form:

Identification

1. Self-explanatory
2. Self-explanatory except that, if the individual has no social security number, the word "none" shall be inserted.
3. Self-explanatory
4. Enter the age in full years. This is called "N" when used in calculating the Permissible Dose. "N" is equal to the number of years of the age of the individual on his last birthday.

Occupational Exposure

5. List the name and address of each previous employer and the address of employment. Start with the most recent employer and work back. Include only those periods of employment since the eighteenth birthday involving occupational exposure to radiation. For periods of self-employment, insert the word "self-employed".
6. Give the dates of employment.
7. List the periods during which occupational exposure to radiation occurred.
8. List the dose recorded for each period of exposure from records of previous occupational exposure of the individual as calculated under § 5.102. Dose to be given in rem. "Dose to the whole body" shall be deemed to include any dose to whole body, gonads, active blood-forming organs, head and trunk, or lens of the eye.
9. After each entry in Item 8, indicate in Item 9 whether the dose is obtained from records or calculated in accordance with § 5.102.

Total Accumulated Occupational Dose (Whole Body)

11. The total for the whole body is obtained by summation of all values in Item 8.

Certification

12. Upon completion of the report, the employee must certify that the information in Columns 5, 6 and 7 is accurate and complete to the best of his knowledge. The date is the date of his signature.

Calculations

13. The lifetime accumulated occupational dose for each individual and the permissible dose under § 5.101-B are obtained by carrying out the following steps: The value for "N" should be taken from Item 4. Subtract 18 from N and multiply the difference by 5 rem. (for example, John Smith, Age 32; N = 32, PAD = 5(32-18) = 70 rem.) Enter total exposure to date from Item 11. Subtract (b) from (a) and enter the difference under (c). The value in (c) represents the unused part of the permissible accumulated dose. This value for permissible dose is to be carried forward to Agency Form RH-F-9, "Current Occupational External Radiation Exposure".
14. Self-explanatory.