

## LEAK TESTS

39. **[Reviewer Note: For use in non-Broad Scope licenses; licenses where sealed sources have a SS&D registry sheet; or licenses which do not have sources designed to emit alpha particles]**
- A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals as specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by equivalent regulations of an Agreement State.
  - B. A sealed source received from another person shall not be put into use until:
    - (1) A certificate from the transferor has been received indicating that the sealed source was tested for leakage or contamination within the intervals specified in the certificate of registration identified in Paragraph A. of this Condition prior to transfer; or
    - (2) The source has been tested for leakage or contamination and the test results are received.
  - C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 3 years without being tested for leakage and/or contamination.
  - D. The leak test shall be capable of detecting the presence of 185 becquerels (0.005  $\mu$ Ci) of radioactive material on the test sample. If the test reveals the presence of 185 becquerels (0.005  $\mu$ Ci) or more of removable contamination, a report shall be filed with the Director in accordance with R313-15-1208, and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Utah Radiation Control Rules. The report shall be filed within 5 days of the date the leak test result is known with the Division of Radiation Control, P.O. Box 144850, Salt Lake City, Utah 84114-4850. The report shall specify the source involved, the test results, and corrective action taken.
  - E. The licensee is authorized to collect leak test samples, but not perform the analysis. Analysis of leak test samples must be performed by persons specifically licensed by the Director, the U.S. Nuclear Regulatory Commission, or an Agreement State to perform such services. Alternatively, tests for leakage and/or contamination, including sample collection and analysis, may be performed by other persons specifically licensed by the Director, the U.S. Nuclear Regulatory Commission, or an Agreement State to perform such services. (This part of the condition is used for licensees NOT authorized to perform leak test analysis.)

OR

- E. Tests for leakage and/or contamination, including sample collection and analysis, shall be performed by the licensee or by other persons specifically licensed by the Director, the U.S. Nuclear Regulatory Commission, or an Agreement State to perform such services. (This part of the condition is used for licensees authorized to collect AND analyze leak test samples)
- F. Records of leak test results shall be kept in units of becquerels or microcuries and shall be maintained for inspection by representatives of the Director.