

3701:1-46-39 Calibration or reference sources containing americium-241 or radium-226: leak testing of each source.

Each person licensed under rule 3701:1-46-37 of the Administrative Code shall perform a dry wipe test upon each source containing more than 3.7 kilobecquerels (0.1 microcurie) of americium-241 or radium-226 prior to transferring the source to a general licensee under rule 3701:1-46-08 of the Administrative Code. This test shall be performed by wiping the entire radioactive surface of the source with a filter paper with the application of moderate finger pressure. The radioactivity on the paper shall be measured by using radiation detection instrumentation capable of detecting one hundred eighty-five becquerels (0.005 microcurie) of americium-241 or radium-226. If a source has been shown to be leaking or losing more than one hundred eighty-five becquerels (0.005 microcurie) of americium-241 or radium-226 by the methods described in this rule, the source shall not be transferred to a general licensee under rule 3701:1-46-08 of the Administrative Code, or under an equivalent general license from an agreement state or the United States nuclear regulatory commission.

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Certification

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