



**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF ENVIRONMENTAL COMPLIANCE  
EMERGENCY & RADIOLOGICAL SERVICES DIVISION  
RADIATION SECTION  
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## **RADIATION SECTION NOTICE**

**DATE:** September 8, 2025

**TO:** Correctional or Detention facility in Louisiana

**FROM:** Department of Environmental Quality  
Radiation Section

**Subject:** **X-Ray Security Screening Body Scanners**

The use of sources of radiation for the purpose of screening or inspecting individuals for concealed weapons, hazardous materials, stolen property, illegal goods, or contraband is prohibited without prior written approval granted by the Department in accordance with LAC 33:XV.110.D.

The Department recognizes the societal benefit of security body scanners; however, newer technology with increased dose levels, increases in scan frequency, and an increase in overall number of units being used in the State requires the establishment of further controls to protect workers and the public from undue hazard. To address the increase use of emerging x-ray technologies for security screening, the Department has updated the process in which written approval is granted.

This policy supersedes all previous approvals granted. Previous approvals granted by the Department are subject to these requirements. Failure to comply will result in violations and potential enforcement actions as provided in R.S. 30:2025.

Additionally, please take this time to review your current inventory of x-ray security body scanners to ensure each has the written approval letter and registration certificate posted. If you are missing any of these or need to submit a new application please contact us immediately. Please submit any changes to policy and procedure accordingly.

**The Department is issuing this notice to specify rules for use. The following applies to all previously granted approvals as well.**

No person under the age of 18 shall be subject to an x-ray body scan.

No person pregnant or claiming to be pregnant shall be subject to an x-ray body scan.

No person shall be scanned without his or her knowledge.

Sources of radiation shall not be used to expose any individual for training or demonstration purposes in accordance with LAC 33:XV.110.C.

Security screening radiation machines are approved by Manufacturer/Model Number/Serial Number and by facility. The approval of a particular unit at one location does not automatically grant approval for another unit at the same facility or at another location/facility/registrant.

The facility shall be held to the ANSI/HPS N43.17 – 2009 standard. No individual shall exceed 25 mRem (250  $\mu$ Sv) in a 12-month period.

Each scanned individual shall have only one permanent ID/account assigned and used for tracking exposure per facility. Failure to maintain accurate dose records (i.e. multiple accounts for one person, one account used for multiple people, etc.) will result in violations and potential enforcement action.

All records must be maintained and made available to the Department for inspection.

Policy and procedures cannot be changed unless approved by the Department.

Units cannot be moved without prior notification and approval by the Department.

Facilities must establish written procedures for dose tracking and responsibilities. This must include reviewing and merging person accounts across all units under the same administrative control.

In addition to the requirements outlined in Department policy and written approval granted by the Department, a facility must also comply with applicable parts of LAC 33 Part XV Radiation Protection.

The Department appreciates your continued interest in the protection of public health and safety. If you have any questions or need further clarification please contact the Radiation Licensing Section at (225) 219-3041 or [LDEQRadiationlicensing@la.gov](mailto:LDEQRadiationlicensing@la.gov). Please submit any approval requests, registration applications, and procedure updates to [LDEQRadiationlicensing@la.gov](mailto:LDEQRadiationlicensing@la.gov).