

Johns Hopkins Safety Manual	Policy Number	HSE 916
Subject:	Effective Date	9/28/11
Enforcement of Radiation Safety Requirements	Page	1 of 2

POLICY

JOHNS HOPKINS (JH) is committed to maintaining full compliance with the Code of Maryland Regulations 26.12.01.01, Regulations for the Control of Ionizing Radiation, HSE Radiation Safety Policies, and Radioactive Material License conditions. In order to verify compliance, JH conducts quarterly inspections of each area where radioactive material is used or stored. Areas that have x-ray sources are subject to annual inspections. More frequent inspections may be performed.

REFERENCES

Code of Maryland Regulations 26.12.01.01, Regulations for the Control of Ionizing Radiation.

JH Safety Policies 901 through 915.

RESPONSIBILITIES

Health, Safety and Environment (HSE)	<ul style="list-style-type: none"> Inspection of radiation areas and identification of non-compliant items. Take immediate action to terminate items that may pose an imminent danger. Communicate inspection results to appropriate parties.
Joint Committee on Radiation Control	<ul style="list-style-type: none"> Determine whether repeat violations warrant suspension or termination of Authorization to Use Radioactive Materials. Review appeals of HSE's findings.

PROCEDURES

Radiation safety inspections determine compliance with the following:

- Appropriate protective apparel is used (i.e., laboratory coats, and/or gloves, lead aprons, etc.).
- Radioactive contamination is identified, labeled, and decontaminated.
- Food and/or drink is not present in a room posted for radioactive material.
- Personnel radiation monitors are properly utilized and submitted for processing.
- Inventory records (use and disposal) for radioactive materials are maintained.
- Radioactive material is secured against unauthorized removal.
- Radiation survey meters are calibrated no less frequent than every 365 days.
- Operational checks of survey meters are documented.
- Radioactive material is disposed of by approved methods.
- Radioactive material is used and/or stored only in authorized locations.
- Contamination surveys (or record of no use) are recorded weekly.
- Survey results are recorded in disintegrations per minute or an action level is specified.
- Decontamination surveys are documented.
- Radioactive material and radiation areas are posted with caution signs.
- Record of quarterly inventory of radioactive material is maintained.
- Individuals that activate a medical fluoroscopic unit have completed mandated training.
- Compliance with Maryland's Regulations for the Control of Ionizing Radiation.

Johns Hopkins Safety Manual	Policy Number	HSE 916
Subject:	Effective Date	9/28/11
Enforcement of Radiation Safety Requirements	Page	2 of 2

ENFORCEMENT

Items of non-compliance must be corrected promptly.

The Authorized Users of Radioactive Materials or X-ray registrants will be given 10 business days to submit a written response to the violations.

HSE will assess a fine of up to \$2,500 for each item of non-compliance found at the time of the inspection.

Violations that can have a direct impact on health and safety will necessitate another radiation safety inspection the following month.

Failure to correct a violation may result in the Authorizer User having to appear before the Joint Committee on Radiation Control to explain why they cannot achieve compliance.

Failure to pay a fine may result in the termination of an Authorization to Use Radioactive Material or the prohibition of the use x-ray sources.

Authorized Users of Radioactive Materials or Registrants of X-ray Sources may appeal HSE findings to the Joint Committee on Radiation Control

REVIEW CYCLE

Annually