

 <b>University Health™</b>	<b>Policy #: Radiology- 5.4</b>
<b>SUBJECT: Lead Apparel Inspection Policy</b>	<b>Effective: April 1994</b> <b>Reviewed: April 2016</b>
<b>APPROVED BY: Radiology Director</b>	<b>Page 1 of 1</b>

**1. Purpose:**

To define the inspection procedure for all lead lined apparel designed to provide radiation protection, such as: lead aprons, gloves, and thyroid shields

**2. Scope:**

- a. All University Health Shreveport facilities

**3. Responsibility:**

- a. All lead apparel purchased outside of the radiology department must be brought to the radiology department to ensure it meets DEQ qualifications. Lead aprons must contain a minimum of 0.25mm lead equivalent material before its initial use.
- b. All lead apparel purchased outside of the radiology department must also be added to the numbering system for lead apparel. Contact the radiology department to have lead apparel added to the numbering system prior to initial use.
- c. All individual items are numbered as indicated by the protective apparel numbering system.
- d. All lead apparel worn for purposes of radiation protection must be radiographically inspected before initial use and then annually.

**4. Procedure:**

- a. The Radiation Safety Committee has designed a numbering system to be used in identifying each individual item of protective apparel. A record of the numbered items is available in the radiology manager's office. The record will be used as a reference source for the annual apparel inspection
- b. Annual inspections of protective lead apparel shall include:
  - 1. A visual inspection for any tears or rips.
  - 2. Radiographic examination for tears or holes that are not visible from the outside
  - 3. Cleaning of the apparel
  - 4. Recording or updating the results of the inspection by item number
- c. Any items that appear defective or questionable will be reported to the section manager. If it is determined the item is defective it will be removed from use and destroyed by the safety office. Items removed from use will be noted on the inventory with the removal date and reported to section manager.

**5. References:**

LA DEQ Title 33 Part VX Section 603 Environmental Regulatory Code