




IDENTIFYING RADIOACTIVE SCRAP

This flashcard set is designed to help you identify radioactive materials in the recycling environment. If you find any items that look like any of these—or that you think might possibly be radioactive scrap, **DO NOT TOUCH IT!**

Evacuate the area immediately and keep people away.

Call your manager immediately.

Things to look for include:

- Round or dome-shaped objects
- Objects with a lifting eye
- Objects that are unusually heavy for their size
- C-shaped objects
- Anything displaying this symbol: 
- Glow-in-the-dark dials
- Some kinds of smoke detectors
- Pipe scale
- Key words (radioactive, any word that ends in -ium, “exposure device”, curie, bequerel)

Common sources of radioactive scrap include:

- Military/Defense facilities
- Medical/Hospital equipment
- Demolition
- Aviation
- Oil and gas productions facilities
- Highway construction

RADIOACTIVE: GAUGE



Gauge

(ENGLISH)

- Contains Cs137
- Found in shipments of unprepared steel

Indicador

(SPANISH)

- Contiene Cs137
- Encontrado en cargamentos de acero sin preparar



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RADIOACTIVE: AIRCRAFT PART



Aircraft Part

(ENGLISH)

- Contains depleted uranium
- Found in aircraft scrap

Pieza de avión

(SPANISH)

- Contiene uranio empobrecido
- Encontrada en chatarra de avión

70.84 LRS

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UNITED STATES PATENT OFFICE

2010



Flexible Office Ruler

RADIOACTIVE: **HYDRO PUMP**



Hydro Pump

(ENGLISH)

- Found in military aircraft
- Contains mag thorium

Bomba de agua

(SPANISH)

- Encontrada en avión militar
- Contiene una aleación de torio y magnesio



RADIOACTIVE: GAUGES



Gauges

(ENGLISH)

- Found in scrap from demolished textile mill
- Contains KR85

Indicadores

(SPANISH)

- Encontrados en chatarra proveniente de fábrica textil demolida
- Contiene KR85



RADIOACTIVE: LIGHTNING ARRESTORS



Lightning Arrestors

(ENGLISH)

- Found in demolition scrap
- Contains Ra226

Pararrayos

(SPANISH)

- Encontrados en chattara de demolición
- Contiene Ra226



RADIOACTIVE: **MILITARY COMPASS**



Military Compass

(ENGLISH)

- Found in virtually any scrap shipment, usually from peddlers
- Contains Ra226

Brújula militar

(SPANISH)

- Encontrada en casi todos los cargamentos de chatarra, por lo general provenientes de vendedores ambulantes
- Contiene Ra226



RADIOACTIVE: **MILITARY DASH PANEL**



Military Dash Panel

(ENGLISH)

- Found in shipments of military demolition, or of wrecked military equipment
- Contains Ra226

Tablero militar

(SPANISH)

- Encontrado en cargamentos de demoliciones militares o de equipos militares destrozados
- Contiene Ra226



RADIOACTIVE: DECK MARKER



Deck Marker

(ENGLISH)

- Found in shipments of military scrap
- Contains Ra226

Boya de cubierta

(SPANISH)

- Encontrada en cargamentos de chatarra militar
- Contiene Ra226



RADIOACTIVE: ATTITUDE GAUGE



Attitude Gauge

(ENGLISH)

- Found in military aircraft scrap
- Contains Ra226

Indicador de posición

(SPANISH)

- Encontrado en chatarra de avión militar
- Contiene Ra226



RADIOACTIVE: **HELICOPTER PARTS**



Helicopter Parts

(ENGLISH)

- Found in military scrap
- Contains mag thorium

Piezas de helicóptero

(SPANISH)

- Encontradas en chatarra militar
- Contiene una aleación de torio y magnesio



RADIOACTIVE: OLD SMOKE DETECTOR



Old Smoke Detector

(ENGLISH)

- Found in demolition scrap
- Contains Am241 or Ra226

Detector antiguo de humo

(SPANISH)

- Encontrado en chatarra de demolición
- Contiene Am241 o Ra226



RADIOACTIVE: **WATER HEATER**



Water Heater

(ENGLISH)

- Found in peddler scrap
- Contains NORM, usually Ra226

Calentador de agua

(SPANISH)

- Encontrado en chattara de vendedores ambulantes
- Contiene materiales radiactivos de origen natural (Naturally occurring radioactive material, NORM), por lo general Ra226



RADIOACTIVE: **UNKNOWN**



Unknown

(ENGLISH)

- Found in peddler scrap

Material desconocido

(SPANISH)

- Encontrado en chattara de vendedores ambulantes



RADIOACTIVE: **UNKNOWN**



Unknown

(ENGLISH)

- Found in demolition scrap from mining operation
- Contains NORM, usually Ra226 or Th232

Material desconocido

(SPANISH)

- Encontrado en chatarra de demolición proveniente de operaciones de minería
- Contiene NORM, por lo general Ra226 o Th232





