

## Materials and Equipment Requiring Radiation Safety Approval

**Prior to purchase**, radioactive materials and items which either use radiation sources or produce radiation must be approved by Environment, Health and Safety (EHS). The KFS requisitions for radioactive materials are automatically routed to EHS for approval based on the UNSPSC (commodity code) classification:

- 12142200 Isotopes
- 12142203 Alpha sources
- 12142204 Beta sources
- 12142205 Cobalt sources
- 12142206 Gamma sources
- 12142207 Radioisotope sources
- 41103301 Liquid scintillation counters
- 41106006 Radio nucleotides or nucleosides

### End User/Unit/BSC:

#### 1. Radioactive Material

- a. Radioactive Material may be purchased with a purchase order through KFS or through e-SHOP. Use of a procurement card is not permitted. If e-SHOP is not used, the End User must use one of the commodity codes listed above to ensure routing to EHS for review.
- b. For radioactive materials, the ship-to address of the requisition must list EHS as the destination. Enter the permit holder on the attention line in the ship-to address.
- c. Only authorized personnel within a unit may call Procurement Services for an emergency order number or confirming order for radioactive material.

#### 2. Sealed sources, Instruments containing sealed sources, and Radiation producing equipment

- a. When the unit needs to requisition any items within these groupings, early development of specifications should be coordinated and approved through the responsible representative of EHS (Radiation Safety).
- b. Contact them at [askEHS](#) or 255-7397 or 254-8300.

### Procurement Services:

1. For the following list of categories, the Procurement Agent will ad hoc route the requisition to the EHS radiation specialist for approval:
  - Radioisotopes or radioactive materials
  - Nuclear Density Gauges
  - Gas Chromatographs (GC)
  - Electron Capture Detectors (ECD)
  - Liquid Scintillation Counters (LSC or LS)
  - X-Ray Producing Equipment (e.g., Generators, Diffractometers, Computed Tomography, CT)
  - Electron Microscopes (e.g., Scanning, SEM, Transmission, TEM)
  - Static Eliminators
  - Neutron Moisture Probe
  - Ion Implanter
  - Lasers