

Isotopes and Radioactive Materials and Items Requiring Radiation Safety Approval

Prior to purchase, radioactive materials and items which either use radiation sources or produce radiation must be approved by the Office of Environmental Health and Safety (EH&S), Radiation Safety. The KFS requisitions for radioactive materials are automatically routed to EH&S for approval based on the UNSPSC classification.

End User/Unit/FTC/BSC:

1. Radioactive Material

- Radioactive Material may be purchased with a purchase order through KFS or through e-SHOP. Use of a procurement card is not permitted.
- The ship-to address of the requisition must list EH&S as the destination. Enter the permit holder on the attention line in the ship-to address.
- 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

When the unit needs to requisition any items that fall under the following list of categories, early development of specifications should be coordinated and approved through the responsible representative of EH&S (Radiation Safety). Contact them at 255-7397 or 254-8300.

The Procurement Services' Agent will ad hoc route the requisition to the EH&S radiation specialist for approval.

Category List

- Nuclear Density Gauges,
- Gas Chromatographs (GC)
- Electron Capture Detectors (ECD)
- Liquid Scintillation Counters (LSC or LS)
- X-Ray Equipment
- Electron Microscopes
- X-Ray Diffractors
- X-Ray Accelerators
- TEM'S
- SEM'S
- Static Eliminators
- Neutron Moisture Probe
- Defibrillators
- Implanter
- XPS-X-Ray Photo Spectrometry
- SIMS-Secondary Ion Mass Spectrometry

The following radioactive commodity codes will route to Environmental Health & Safety for review:

- 12142200 Isotopes
- 12142202 Heavy water
- 12142203 Alpha sources
- 12142204 Beta sources
- 12142205 Cobalt sources

Buying Manual

Subject: Purchases with Special Procedures

Title: Isotopes and Radioactive Materials

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- 12142206 Gamma sources
- 12142207 Radioisotope sources
- 12142208 Calibration sources
- 41103301 Liquid scintillation counters
- 41106006 Radio nucleotides or nucleosides