



Winsted Industrial Park
150 Price Road
Winsted, CT 06098
Phone: 860.379.2318
www.dufrane.com

Dufrane Nuclear Shielding, Inc. is excited to announce our new Portable Drum Waste Segregation Laboratory. Separating waste material from one drum into two separate drums can now be completed in an enclosed and properly ventilated atmosphere. Our waste segregation laboratory can be custom designed and built to meet field requirements of either national laboratory, commercial nuclear, or radwaste processing facilities.

Portability

The portability of our laboratory means that you can safely separate materials in any remote or difficult-to-access jobsite. Housed in a standard 8 x 8 x 20 sea-land transport container, our unit is uniquely designed for convenient transport utilizing standard commercially available methods. The readiness of our Portable Drum Waste Segregation Laboratory means that deployment can be quick and cost effective.

Construction

The engineers at Dufrane Nuclear Shielding designed our Drum Waste Segregation Laboratory with the same rigidity found in a permanent laboratory. The walls, floors, and ceiling are all insulated, providing a barrier to control internal temperature and moisture. Each laboratory is lined with stainless steel to ensure corrosion does not become an issue.

Air Purification

Each unit can be fitted with a dedicated 1,000 cfm HEPA ventilation system with a variable-frequency drive (VFD) to regulate air flow. Filtration can be custom modified to pull air from the waste separation area and/or the work area to an outside ventilation unit. Filter storage within the laboratory is also provided. For storage and shipping simplicity, the ventilation unit can be secured inside the portable laboratory.

Drum Loading

Drum loading configurations can be custom designed to meet end user needs. A hoisting system can be conveniently mounted in the portable laboratory depending on the material being sorted. Receiving drums can be mounted on dollies and boot connected to the hood.

Optional Equipment

The Portable Drum Waste Segregation Laboratory can be custom built to meet end users' needs. If working in a remote area, a generator can be added to provide proper electrical supply. In addition, an HVAC system can be added to control internal temperature and moisture. A connector hall is also available to connect several portable laboratories, a personnel unit, and even toilet and shower facilities.