



Hospitals have a duty of care to ensure that radiologically contaminated wastes are disposed of correctly, avoiding such waste being disposed of unintentionally through non-radioactive waste streams. The result of mismanagement of radioactive waste disposal could impact the health and safety of the public and the environment. Such events could have serious repercussions - including fines from nuclear safety authorities and possible negative media interest. NUVIA Tech Instruments have developed a modular cost-effective solution to provide assurance monitoring of waste containers as they are corralled in waste compounds. Our NuClearance products provide reassurance that radioactive materials are not present in non-radioactive waste coming out of hospitals.

Benefits

- Avoid radioactive waste being mixed in non-radioactive waste
- Protect the employees and environment
- Provide assurance that waste containers are free from radioactive material
- A cost effective NuClearance Lite solution for smaller sites
- A high performance NuClearance solution to comply with the IEC 62022:2004 standard
- Easy and continuous monitoring of waste containers into and out of waste collection areas with user friendly software
- In case of alarm, NUVIA specialists can be called upon to provide advice and search for contaminated materials

Characteristics

- A scalable cost-effective and highly reliable system for reassurance monitoring of waste - ensuring wastes are free of radioactive material prior to disposal.
- High performance detection gate equipped with two large scintillation detectors.
- NUVIA specialists available to provide specialist advice in the event of alarm.

Three tailor-made solutions for contamination detection



NuCLEARANCE - High performance modular portal monitor. **Compliant with IEC regulations.** Provides effective radioactive material detection in waste containers and vehicles. Possible to add detectors to enhance the performance of the system or adapt to hospital requirements. Optional accessories include automatic number plate registration systems and gate control systems.



NuCLEARANCE Lite - **cost effective** portal monitoring system providing essential monitoring to detect radioactive material accidentally disposed of in non-radioactive waste routes.



NuSEARCH Kit - A choice of detectors designed to easily search for the contaminated material and provide essential information to the nuclear authorities. The combination of the easy-to-use handheld device DoMo and a highly sensitive probe allows the user to **confirm the presence of radioactivity and trigger the adequate response.**