



Vehicle Radiation Detection System



Product Description

Leon Engineering takes Waste Management to another level integrating a Vehicle Radiation Detection System – VRDS specifically designed to detect radioactive material contained in a moving vehicle loaded with waste, scrap, or recycled material.

VRDS identifies the gamma rays emitted by the presence of radioactive material during the passage of a vehicle at a given speed between the terminals. The measurement system consists of two scintillation detectors for high sensitivity, placed just before the weighbridge, and an evaluation unit for monitoring. An alarm sounds and lights built into the unit of assessment are activated when exceeding pre-set threshold to commissioning.

Benefits:

- Prohibit radioactive materials from entering the site.
- Prevent radioactive contamination of waste, recycling, scrap, product and personnel
- Minimal operator training.

VRDS is applicable to waste collection plants, recycling sorting plants, incineration plants, landfills, composting plants, etc.