R.C.V. L.

Radiological Control of Vehicle Load

RCVL systems were specially designed for detection of very low active sources in vehicles, trains or container loads.

RCVL is based on our DSP plastic scintillation detector or CDM Neutron detector series connected to CTM or ANDREA processing unit used over 1100 sites worldwide. It can be used at the entrance or exit of many different sites: nuclear power plants, research centre, scrap & steel industries, waste disposals & waste incinerators, hospitals, boarder crossing points, …

Technical characteristics

- γ and X radiations detection
- Taking into account simultaneously from 1 to 4 plastic scintillator or NaI detectors
- Several volumes of detectors available in standard (2.5 to 25 litres)
- Possibility to use a lead shielding to reduce the background noise influence on the detectors
- Neutrons detectors in option
- Visual and audible alarm, on site or remote to a supervision system.
- Supervision software for the management of several R.C.V.L. systems
- Possible remote diagnosis
- Possibility to link this system to a weighing software (for data retrieval and storage)
- Possibility to print out measurement reports

- **More than 1,300 equipment operated worldwide**
- **Certified by many international certification authorities in the frame of site testing: ITRAP (IAEA), IRSID (Arcelor Mittal), CTHIR….**
- **Very low detection limits. Performances of the system can be calculated for each site by our physicians when requested**
- **Up to 8 detectors can be connected**
- **Fully Automatic. No staff required**
- **Real-time compensation of the background attenuation during measurement. Low false alarm**
- **Systems operated in harsh environment**
- **Latest technology. Fast processing unit**
- **Easy to use and to install**
- **Maintenance free. No calibration**
- **Remote diagnosis**

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