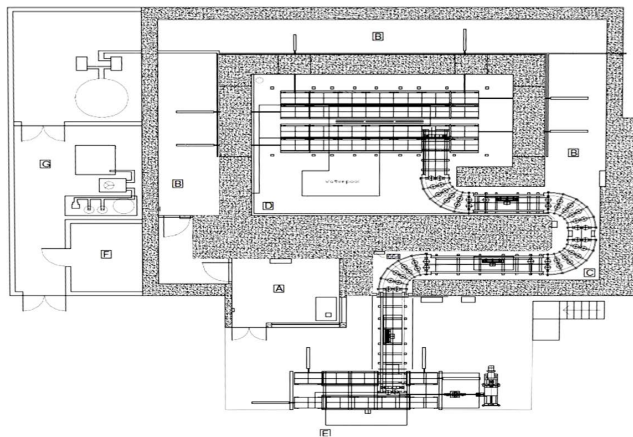


Irradiation Facilities

- Design, installation and commissioning of industrial irradiation plants
- Upgrade and modification of existing facilities including prior feasibility study
- Installed activity e.g. 300 kCi to 5 MCi
- Chemical-free sterilization of medical supplies
- Phytosanitation in dried foods (herbs, tea, spices) or fresh foods (fruit, vegetables) for export purposes
- Disinfection & delayed ripening of fresh fruits and vegetables



Gamma-Service Recycling GmbH has its focus on the supply, recycling and transportation of radioactive materials in research, medicine and industry, the dismantling and decontamination of plants, radionuclide laboratories and other facilities. Furthermore, Gamma-Service Recycling GmbH is specialized in the recycling of ionisation smoke detectors and in the dismantling and take-over of cyclotrons, linear and other accelerators.

Gamma-Service Recycling GmbH

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Your Partner In Handling Radioactive Material



Gamma-Service Recycling GmbH - Your Partner In Handling Radioactive Material



High activity radioactive sources

- Takeover and recycling of disused radioactive sources from medical, industrial and research applications (mainly Co-60, Cs-137)
- Dismantling and takeover of sources from irradiation devices and systems
- Processing of all export and import formalities
- Organization of Class 7 airfreight (IATA), transportation by road according to ADR regulation and by sea
- Provision of approved transport containers (Type A and Type B(U)) and specially equipped trucks
- Purchase, delivery and exchange of new high activity radioactive sources in special form for irradiators, teletherapy devices and industrial plants
- Provision of service engineers for inspection, maintenance and commissioning of irradiation facilities



Low activity radioactive sources and linear accelerators

- Takeover and recycling of radioactive sources from radiometric measurement systems, medical applications, linear accelerators and research applications
- Takeover and utilization of neutron sources
- Dismantling and takeover of radioactive sources from gauging devices and systems
- Organization of Class 7 airfreight (IATA), transportation by road according to ADR regulation and by sea
- Provision of approved transport containers (Type A and Type B(U)) and specially equipped trucks
- Measurement services within the field of radioactivity (identification, evaluation)
- Decommissioning of linear accelerators, storage for decay and release into existing waste cycles
- Radiographic evaluation of other accelerators and cyclotrons, provision of dismantling concepts and cost evaluation
- Consultancy services relating to utilization, disposal, transport and packaging of radioactive material

Recycling of ionisation smoke detectors

- Development of recycling solutions for various types of ionization smoke detectors
- Disassembly of ionization smoke detectors
- Chemical processing of deinstalled radiation sources

Decommissioning, decontamination, conditioning, utilization and recycling of radioactive material

- Decommissioning of radionuclide laboratories, neutron generators and other facilities within the area of nuclear medicine
- Radiological monitoring of dose rate and contamination
- Takeover of radioactive material for recycling without taking ownership
- Separating of residual materials and release into existing waste cycles
- Release measuring on metal and mineral components
- Decay storage of residual materials in licenced intermediate storage areas
- Laundry service of contaminated clothing and leasing of protection equipment
- Consulting, case studies and project planning