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

- Decommissioning of radionuclide laboratories, neutron generators and other facilities within the area of nuclear medicine
- Dismantling of metallic and mineral components in plants (research reactors and research institutions)
- Radiological monitoring of dose rate and contamination
- Analysis by accredited laboratory
- Dismantling and decontamination of equipment and building structures in own control areas
- Takeover of radioactive material for recycling without taking ownership
- Conditioning of radioactive material
- 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
- Employee assignment of radiation protection supervisors, technical engineers and operators
- Laundry service of contaminated clothing and leasing of protection equipment
- Consulting, case studies and project planning

Eckert & Ziegler
Gamma Service Recycling

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 takeover of cyclotrons, linear and other accelerators.

Gamma-Service Recycling GmbH
Bautzner Straße 67
04347 Leipzig, Germany
Telephone +49 341 46372-500
Telefax +49 341 46372-522
E-Mail: gsr-contact@ezag.com
www.gamma-recycling.de

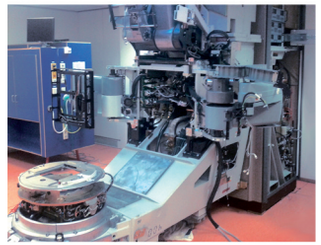
Your Partner In Handling Radioactive Material

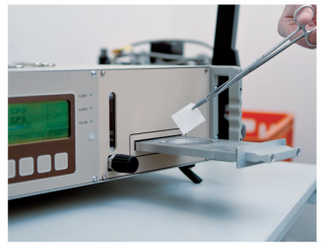
Eckert & Ziegler
Gamma Service Recycling

Gamma-Service Recycling GmbH – **Your Partner in Handling Radioactive Material**

High activity radioactive sources

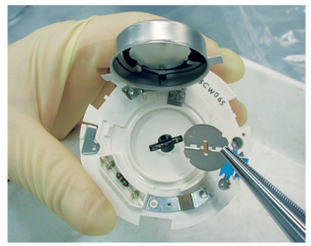
- Takeover and utilization of disused radioactive sources from medical, industrial and research applications (mainly Co-60, Cs-137)
- Dismantling and takeover of sources from irradiation devices and systems
- Processing of export and import formalities, customs clearance (in projects)
- Organization of Class 7 airfreight (IATA), sea and road transportation according to ADR regulation
- Provision of approved transport containers (Type A and Type B(U)) and specially equipped trucks
- Purchase, delivery and exchange of new high radioactive sources in special form for irradiators 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), sea and road transportation according to ADR regulation
- 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 and provision of dismantling concepts and cost evaluation
- Consultancy services relating to utilization, disposal, transport and packaging of radioactive materials



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