

LUGLIO 2022



Atlas Services

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visit the website

INFO@ATLASERVICES.COM

ask for a quote



RADIATION PROTECTION EXPERTS

Our company brings together the skills of several professionals with over thirty years of experience in the field of **radiation protection**, in the industrial use of **radioactive sources**, **X-ray machines** and **particle accelerators**.

OUR OFFER:



DESIGN : our team is able to design and build complete plants, storage and control systems, for all systems that use Beta, Gamma and X radiation.



BEAM CHARACTERIZATION: characterization of the electron beam: dose uniformity, electron beam energy, measurement of the beam scan.



ENERGY: measurement of energy and focal spot in x-ray equipment for non-destructive testing (X-rays).



PRODUCT CHOICE & PLANT CREATION: guide in choosing the most suitable product for your production needs.



RADIOPROTECTION EXPERTS: Radioprotection Expert functions for applications of the regulations concerning the protection from ionizing radiation.



RADIOMETRY & REMEDIATION: environmental radiometry combined with research and recovery of radioactive sources and contaminated material. We also carry out **Radon** measurement campaigns.



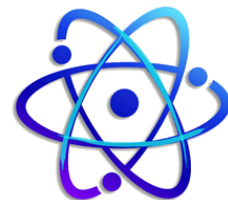
PLANT MAINTENANCE: Ordinary and extraordinary maintenance for irradiation and radiography systems that use electron accelerators.



NORM & TENORM: We carry out measurements on plants at risk of NORM and TENORM (Naturally Occurring Radioactive Material, TENORM Technically Enhanced NORM) suggesting suitable countermeasures and remediation.

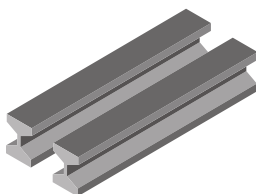
PLANTS PROVIDED

our company supplies linear electron accelerators for irradiation & sterilization systems, for non-destructive testing (NDT), x-ray & industrial tomography. Thanks to our experience, we are able to offer targeted and tailor-made solutions, which include the design and maintenance of the plant itself.



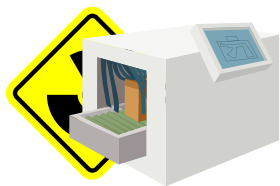
LINEAR ACCELERATORS FOR STERILIZATION:

The NUCTECH LINAC product family covers the 2 ~ 10MeV energy and power ranges from 2 ~ 20kW. The E-beam irradiation system with accelerator allows to meet the user's needs and includes the transport system, the control and radiation protection subsystem and the management software.



LINEAR ACCELERATORS FOR INDUSTRIAL RADIOGRAPHIES & TOMOGRAPHIES:

These products are based on very advanced and extensively proven technology on over 1000 units delivered with energies ranging from 1.5 MeV to 16 MeV with single or double energy. Operational capability and reliability are documented by thousands of hours of operation for both film radiography and radioscopy and tomography applications.



ACCELERATORS FOR OTHER APPLICATIONS:

We are able to supply products and systems of various sizes and characteristics for the most varied applications: Laboratory irradiators, accelerators for drying inks and paints, accelerators for cross linking, etc ...



European spare parts



More than 1000
Implants sold
worldwide



tailor-made
design for the
customer



specialized
maintenance teams



Atlas services
Radiation protection
& Innovation

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