Radioisotope Centre POLATOM specializes in production, commercial activity, research and development in the field of isotope applications. The company is located in Otwock near Warsaw, in vicinity of nuclear reactor.

HISTORY AND MISSION

The beginning of Radioisotope Centre is connected with the history of Institute of Nuclear Research, which was established in 1955. In 1982 it became a part of Institute of Atomic Energy. Later as independent Radioisotope Centre POLATOM, then POLATOM Ltd and Institute of Atomic Energy POLATOM. Since September 2011 Radioisotope Centre POLATOM is a part of National Centre for Nuclear Research.

Our mission is to connect 50 years experience with the newest trends in radiochemical technologies, in order to maintain leading position in isotope production and to fulfill the highest requirements of our customers.
POLATOM - PRODUCTION

Radioisotope Centre POLATOM manufactures radioactive products for nuclear medicine, research and development, and industrial applications. We produce a wide range of radiopharmaceuticals, radiochemicals, sealed sources, standard solutions and reference sources.

• Radiopharmaceuticals and products for nuclear medicine:
  - $^{99m}$Tc- Generators,
  - $^{99m}$Tc Scintigraphic Kits: Colloid, DMSA, DTPA, MBiDA, MDP, MIBI, Pyrophosphate, Tektrotyd
  - $^{131}$I sodium iodide in form of gelatin capsules (diagnostic and therapeutic), and for injection,
  - $^{131}$I hipurate,
  - $^{131}$I - and $^{123}$I MIBG
  - $^{89}$Sr- strontium chloride (for bone pain palliation),
  - $^{32}$P orthophosphate,

• Radiochemicals:
  - Y-90, Lu-177, $^{188}$W/$^{188}$Re generator, Cr-51, Cu-64, Fe-59, Ca-45, Sr-90, P-32, S-35 and many others.

• Standard solutions and reference sources for R&D

• Sealed sources for industrial gamma radiography and process control:
  - Yb-169, Ir-192, Co-60, Se-75.

POLATOM’s customers are:
- Nuclear Medicine Centers
- R&D Radiochemistry Laboratories
- Non Destructive Test Companies and Industrial Plants

POLATOM - QUALITY ASSURANCE

Quality Assurance System established in the area of manufacturing, sales of isotopic products, dispatching and transport of radioactive materials was certified according to PN-EN ISO 9001: 2009 and the criteria of Internal Control System. The medical production is certified for compliance with Good Manufacturing Practice.

POLATOM – SERVICES

POLATOM offers wide range of services related to isotope products:
- identification and measurement of radionuclide activity,
- certification of radioactive sources, radionuclide preparations and radioactive materials,
- irradiation services,
- import of radiopharmaceuticals, in vitro diagnostic kits, radioactive materials, biological, biochemical and chemical materials,
- import and service of radiation measurement devices,
- maintenance of industrial radiographic exposure devices,
- transport of radioactive materials.

POLATOM – EXPERIENCE IN MANUFACTURING

1970’s – technetium-99m and indium-113m generators, scintigraphic kits, sodium iodide-131 in capsules, first radioimmunoassays.
1980’s – implementation of ISO standards in sealed sources for gamma radiography, improvements of technologies with respect to environment protection.
1990’s – modernisation of technetium-99m generators, new generation of radioimmunoassays and immunoradiometric kits, new radiopharmaceuticals: $^{89}$SrCl$_2$, $^{131}$I / $^{123}$I MIBG.
2002 – production of Lu-177 for labelling
2004 – production of new scintigraphic kit 99mTc-Tektrotyd and Y-90 for labelling
2005 – production of $^{185}$W/$^{188}$Re generator

POLATOM - NEW INVESTMENTS

Increased interest in our products and fast growing world-wide sales pressed us to invest in brand new production lines for I-131, Y-90, Lu-177 and completely new facility for production of scintigraphic and elution kits.

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