# Hellenic Accreditation System

Annex C5/10 to the Certificate No. 732-8

# SCOPE of ACCREDITATION

## GREEK ATOMIC ENERGY COMMISSION
## IONIZING RADIATION UNIT

***as a Type A Inspection Body***
***in the voluntary sector and /or***
***according to the National Legislative Regulations***

| **Field of Inspection** | **Nature of Inspection** | **Regulations / Standards/In house procedures** |
|---|---|---|
| *1.Medical Exposure Practices in radiology, radiation therapy and Nuclear Medicine facilities*<br><br>1**. Operation of radiation generators or accelerators**<br>-Practices for diagnostic purposes, dental and interventional radiology purposes<br>-Practices for radiotherapy purposes with external radiation devices<br><br>2. **Operation of radioactive sources for medical exposure and in vitro medical applications**<br>-Practices for radiotherapy purposes using radioactive sources<br>-Practices for in vitro nuclear medicine purposes (RIA/IRMA)<br><br>3. **Deliberate administration of radioactive substances and related procedures for the purpose of medical diagnosis and treatment**<br>-Practices for in vivo diagnostic nuclear medicine purposes<br>-Practices for nuclear medicine therapeutic purposes<br>-Practices of deliberate addition or generation of radioactive substances in the production or manufacture of medicinal products | -Compliance inspections with Radiation Protection Regulations<br>-Unscheduled inspections | 1. Presidential Decree101 (Hellenic Gazzette A 194/20.11.2018)<br>2. Joint Ministerial Decision 45872 (Hellenic Gazzette 1103/B/03.04.2019), as applied<br>3. Law 4310/2014 (Hellenic Gazzette 258/A/08.12.14), as applied<br>4. Presidential Decree 67 (Hellenic Gazzette 173/A/14.09.2022) |

| Field of Inspection | Nature of Inspection | Regulations / Standards/In house procedures |
|---|---|---|
| 2.Practices not involving Medical Exposure applied in facilities of industrial, research, veterinary and other applications<br><br>1. **Operation of non-medical radiation generators or non-medical accelerators**<br>-Operation of X-ray systems for security checks (baggage, containers/vehicles), measurement of quality parameters in industry and for other research and educational purposes, spectroscopic and elemental analysis (XRF – XRD)<br>-Industrial radiography using X-ray systems inside or outside the facility – Non-Destructive Testing (NDT)<br>-Operation of accelerators (production of radionuclides and other research purposes)<br>-X-ray diagnostic tests in animals & External radiotherapy with x-rays in animals<br><br>2. **Operation of radioactive sources for purposes other than medical exposure**<br>-Operation of sealed fixed or portable sources for industrial, research and educational purposes<br>- Industrial radiography using radioactive sources inside or outside the facility - Non-Destructive Testing (NDT)<br>- Operation of open radioactive sources for research or other purposes<br>-Operation of high activity sealed sources for irradiation of pharmaceutical and other products (including biological samples and blood products) and for sterilization purposes.<br>- Deliberate administration of radioactive substances to animals and related procedures for the purpose of medical or veterinary diagnosis, treatment or research.<br><br>3. **Systematic transport of radioactive materials** | -Compliance inspections with Radiation Protection Regulations<br>- Unscheduled inspections | 1. Presidential Decree101 (Hellenic Gazzette A 194/20.11.2018)<br>2. Joint Ministerial Decision 45872 (Hellenic Gazzette 1103/B/03.04.2019), as applied<br>3. Law 4310/2014 (Hellenic Gazzette 258/A/08.12.14), as applied<br>4. Presidential Decree 67 (Hellenic Gazzette 173/A/14.09.2022) |

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Approved Signatory :**Constantinos Hourdakis, Christos Pafilis**

This Scope of Accreditation replaces the previous one dated 12.02.2024.
The Accreditation Certificate No.**732**-8, to ELOT EN ISO/IEC 17020:2012, is valid until 09.02.2028.

Athens, 03.06.2024

Christos Nestoras
*CEO of ESYD*