

Certificate of Participation

IN THE JOINT IAEA/EEAE REGIONAL INTERCOMPARISON EXERCISE
ON RADIOANALYTICAL ANALYSIS OF NORM SAMPLES – 2023 (RER/9/155)

Issued in Athens, on 1 June 2023, to

teleDOS Laboratories SM PC - teleDOS Nuclear Tech, Greece

The Regional Intercomparison Exercise on Radioanalytical Analysis of NORM Samples was organized by the **International Atomic Energy Agency (IAEA)** in collaboration with the Greek Atomic Energy Commission (EEAE), under the Europe Technical Cooperation Regional Project RER/9/155 “*Enhancing Regulatory and Metrological Infrastructures Needed to Ensure Radiation Safety in Naturally Occurring Radioactive Materials Industry*”. The aim of this exercise was to assess the capabilities of the Member States in the region to implement appropriate radioanalytical techniques (i.e., gamma spectrometry, alpha spectrometry, liquid scintillation counting) for the radiological characterization of NORM in line with the IAEA safety standards, particularly GSG-7, with a primary focus on radiation protection of workers in industrial processes involving NORM.

The Intercomparison Exercise was conducted between July 2022 and November 2022.

Each participant was requested to provide results on the activity concentration of naturally occurring radionuclides in two types of samples: (i) a phosphate ore sample; (ii) a phosphogypsum sample by using radioanalytical techniques (i.e. γ -spectrometry, alpha spectrometry, Liquid Scintillation).

The results were evaluated in terms of accuracy and precision on the basis of the estimated assigned value and uncertainty in accordance with the ISO 13528:2022.



Constantinos Potiriadis
Head
Environmental Radioactivity
Monitoring Unit



Efthymios Karabetsos
Director
Directorate of Training, Regulatory
Policy, Infrastructure & Research