

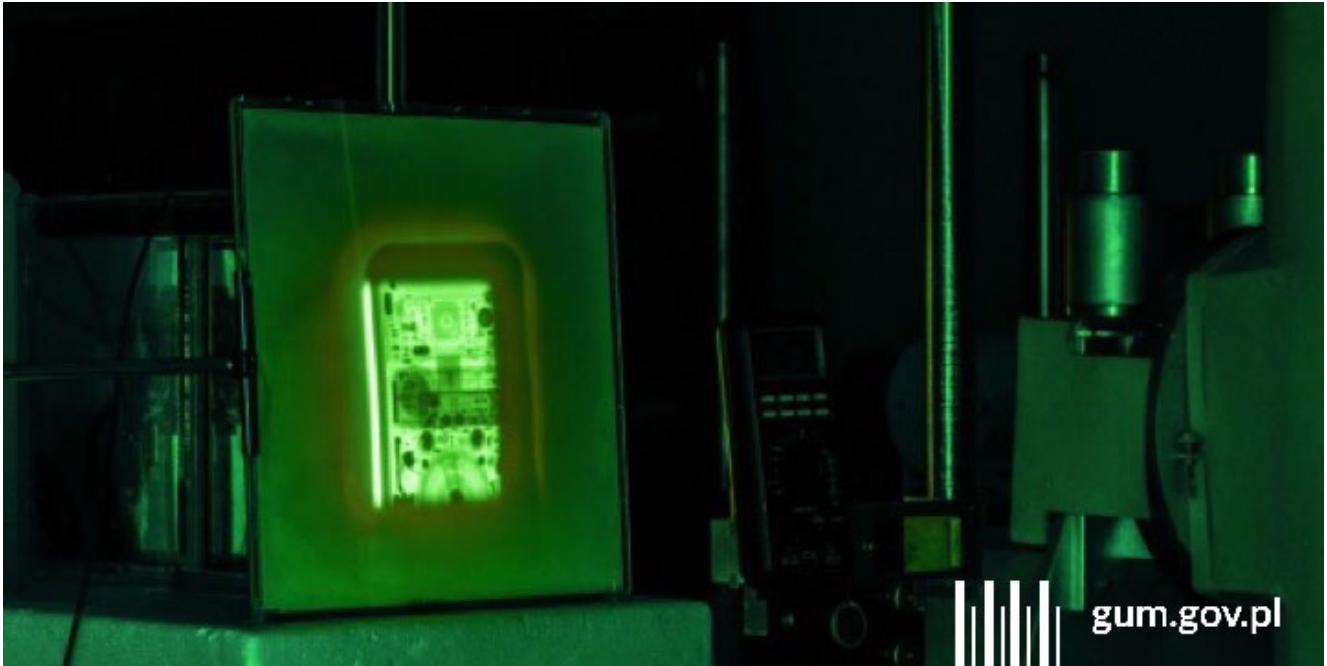
Central Office of Measures

<https://www.gum.gov.pl/en/domains/ionizing-radiation/231,Ionizing-Radiation.html>
2022-08-12, 17:01

Ionizing Radiation

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Published by: Kamila Szulc

Electricity and Radiation Department



Tasks:

Maintenance and development of the primary standards for air kerma of x-ray and gamma radiation;

Ensuring traceability of dissemination of air kerma;

Maintenance and development of the reference standard for absorbed dose to water of gamma radiation;

Ensuring traceability of dissemination of absorbed dose to water;

Ensuring, through comparisons, traceability of standards.

Services:

Calibration of therapy and radiation protection dosimeters.

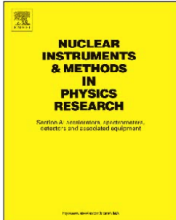
Irradiation of samples with reference doses for x-ray and gamma radiation.

Contact to the Laboratory:

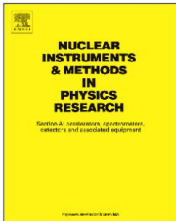
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Publications



A. B. Knyziak, W. Rzdokiewicz: [Measurement methods of ionization current and electric charges in radiation dosimetry](#), [Nuclear Instruments and Methods in Physics Research](#) Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Volume 822, Pages 1-8, 2016.



A. B. Knyziak, W. Rzdokiewicz: [New X-ray testing methods of aerosol products for industrial radiography](#), [Nuclear Instruments and Methods in Physics Research](#) Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Volume 822, Pages 1-8, 2016



M. M. Szymko, L. Michalik, A. B. Knyziak, A. W. Wójtowicz: [Development and characterization of air kerma cavity standard](#), [Measurement](#), Volume 136, March 2019, Pages 647-657.