

K2 NUCLEAR



Main fields of activity (products/services)

- Providing solutions, Installation, Commissioning and Maintenance of various equipment for NPP
- Design, Producing, Installation, Commissioning and Maintenance of Radiation Portal Monitors (RPM) and Radiation Area Monitors (RAM)
- Decommissioning and Decontamination of Nuclear and Radiological Facilities
- Authorized Transport of Radioactive Materials in Romania and International: Roads and Maritime (including HASS)
- Transport of Uranium Ore Concentrate (UOC) via the Trans-Caspian Route

Strength

- Own calibration laboratory, facility with extended capabilities (neutron calibrations)
- International cooperation experience (e.g. Second Line of Defense Program under DoE/NNSA/PNNL)
- Participation of major events (e.g. International Conference on Nuclear Security ICONS 2024 – IAEA, Eurados AM, KOTRA events).

QA, Certificates and authorizations

- License to produce and supply RPM and RAM (CNCAN)
- License to handle radioactive materials (sealed and unsealed sources, X-Ray generators, neutron sources and generators) (CNCAN and DSP-LIRI)
- License to transport radioactive materials
- Designated Calibration Laboratory acc. to SR EN ISO/CEI 17025:2018 (CNCAN)
- Certified Radiological Protection Experts Accredited by CNCAN
- ISO 9001:2015 Certification

Nuclear relevant Experience (main important references)

- Radiological Emergency Response at the request and under CNCAN supervision
- Calibration of neutron survey meters and PED for Barakah NPP
- Transport of UOC (Black Sea and on Romanian territory)
- Characterization of radiation fields by direct measurement after decommissioning and decontamination of Research reactor in Măgurele, Ilfov

Key success factors

- Highly skill and motivated team of engineers and nuclear physicists
- Long experience in nuclear field (20+ years)

Pictures



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