

## Individual and Workplace Monitoring for IAEA Activities Worldwide

The Radiation Safety Technical Services (RSTS) of the International Atomic Energy Agency (IAEA) are accredited as a Testing Laboratory for radiation measurements in accordance with ISO/IEC Standard 17025. The individual monitoring services support more than 2500 IAEA staff members and participants in IAEA activities throughout the world through whole body/organ counting, external dosimetry and analysis of urine, faeces, nasal mucous, and saliva. Assessments are done for almost every type of radiation exposure (e.g., mining/milling, enrichment, fuel production, power and research reactors, medical and other industrial) and every phase of exposure (e.g., new construction, operating, standby, emergency, decommissioning and waste). The testing laboratory also provides accredited workplace measurements for 9 IAEA operational laboratories including a nuclear materials laboratory. The testing laboratory is engaged in a 10-year programme to modernize and incorporate new dosimetric and measurement materials and modalities (e.g., pixel detectors, spectrometry dosimetry, nanoparticle materials, biodosimetry, personal items such as cell phones, etc.).