

The SSDL of Algeria successfully hosted the 2018 African Regional Intercomparison Exercise on Individual Monitoring for External Exposure

Vienna, Austria, 25-27 February 2019



The Working Group Meeting to review the results of the regional intercomparison exercise on individual monitoring in the African region, was held 25-27 February 2019 in the IAEA headquarters in Vienna, Austria.

The meeting was attended by experts from Algeria, Ghana and Tanzania. The experts performed a review of the results of the regional intercomparison exercise, delivered guidance for future improvements in the area of individual monitoring for external exposure and proposed an action plan for future intercomparison exercises. After reviewing the results of the exercise, the experts concluded that the exercise was very successful and had reached its goal.

The objective of the exercise was to assess the capabilities of the dosimetry services in the region to measure the quantity $H_p(10)$ in photon (gamma and X ray) fields, thus supporting participating Member States to achieve a more accurate dosimetry service and to provide MSs with guidelines to improve the performance of the existing dosimetry services.

The exercise was organized under the IAEA regional Technical Cooperation project on occupational radiation protection, RAF 9057 "Strengthening National Capabilities on Occupational Radiation Protection in Compliance with Requirements of the New International Basic Safety Standards". The exercise was hosted by the Secondary Standard Dosimetry Laboratory (SSDL) in the Centre de Recherche Nucléaire d'Alger (CRNA); Commissariat à l'Énergie Atomique (COMENA) of Algeria. 21 dosimetry systems from 19 Member States in the region participated in the exercise. Until today, the SSDL in Algeria has successfully hosted three consecutive regional intercomparison exercises in 2014, 2016 and 2018.

Individual monitoring for external exposure is one of the key elements in the country profile for occupational radiation protection. With the support of the Agency, many Member States have established dosimetry service laboratories. There is a strong demand from the Member States to strengthen the quality management system for the monitoring service. The regional intercomparison

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exercise is an important approach to help the dosimetry service laboratories to check the status of their quality management system.

The experts proposed to have the next regional intercomparison exercise in 2020.

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