

**International Conference on Occupational Radiation Protection:  
Strengthening Radiation Protection of Workers –Twenty Years of Progress  
and the Way Forward**

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## **Developing National Standards for Occupational Radiation Protection in the Philippines - New Capabilities & Challenges Ahead**

Better accuracy and consistency in dosimetric measurements is an important aspect in the quality assurance and safety of nuclear technology applications growing in trend and complexity over the years. While there is an existing local capacity for calibrations in the Philippines, there are still a several gaps need to be addressed. The Philippine Nuclear Research Institute's Secondary Standards of Dosimetry Laboratory (PNRI-SSDL) is tasked to establish and maintain national standards for ionizing radiation measurement. Through a combination of IAEA Technical Cooperation Project, Grants-in-Aid Projects and national funding which started in 2017, the PNRI-SSDL was upgraded to establish national standards for neutron, beta and narrow spectrum series radiation qualities, including procurement of associated secondary standard reference instruments. Standardization measurement results from new facilities and their impact on additional capabilities particularly for protection level calibrations could serve as a cornerstone to allow diagnostic level calibrations and other services in the future.

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