



**PNRI Administrative Order No. 01
Series of 2024**

**RECOGNITION OF DOSIMETRY SERVICE PROVIDERS FOR THE ASSESSMENT OF
OCCUPATIONAL EXPOSURE FROM EXTERNAL RADIATION**

WHEREAS, the Philippine Nuclear Research Institute, hereinafter referred to as PNRI, is mandated by Republic Act No. 5207: “Atomic Energy Regulatory and Liability Act of 1968”, as amended, to establish and issue regulations and orders with respect to atomic energy facilities and materials for the protection of the health and safety of the workers and of the general public, and for this purpose the regulations are codified in the Code of PNRI Regulations (CPR);

WHEREAS, the PNRI issued CPR Part 3, Standards For Protection Against Radiation, Rev. 02 which took effect on March 23, 2020 and provides for the establishment and implementation of a Radiation Protection and Safety Program designed to protect workers, the general public and the environment from radiation exposure and to ensure the safe use of radioactive materials and its related equipment;

WHEREAS, Subsection 29.1 of CPR Part 3, Rev. 02 requires licensees to provide personal monitoring devices to monitor the external exposure of individuals working in a controlled area and those individuals entering a high radiation area;

WHEREAS, the processing of personal monitoring devices to determine the radiation dose of each individual shall only be performed by PNRI-recognized dosimetry service providers;

WHEREAS, this formal recognition will serve the purpose of verifying the technical competence of the dosimetry service and confirming that their measurements and assessments meet the required standards;

WHEREAS, it is the responsibility of the licensee to seek the services of a dosimetry service provider who has undergone a formal assessment and approval by the PNRI;

WHEREFORE, to fulfill its statutory obligations as a competent authority under the Act, as amended, the Philippine Nuclear Research Institute hereby prescribes the following requirements to be recognized as dosimetry service provider for the assessment of occupational exposure from external radiation:

Section I. General Provisions.

- (a) A dosimetry service provider seeking formal recognition from PNRI shall demonstrate that it has the necessary administrative arrangements, technical competence, and quality management system to provide accurate and reliable radiation dose measurements for monitoring of occupational exposure from external radiation.
- (b) The dosimetry service provider shall have an ISO/IEC 17025 accreditation from the Philippine Accreditation Bureau (PAB) of the Department of Trade and Industry (DTI) or any accreditation body that is signatory to the International Laboratory Accreditation Cooperation's Mutual Recognition Arrangement (ILAC-MRA).

Section II. Application for Recognition.

- (a) An application for recognition of a dosimetry service provider shall include the following:
 - 1) Duly accomplished PNRI/NRD Application Form – 05, "Recognition of Dosimetry Service Provider", signed by the Chief Executive Officer or an equivalent head of the company. The completed form shall be notarized prior to submission.
 - 2) If applicable, a copy of the current business permit issued by the responsible government agency and a proof of authenticity of the business name;
 - 3) Copy of the certificate and scope of accreditation to ISO/IEC 17025 issued by the DTI-PAB or any accreditation body that is signatory to the ILAC-MRA;
 - 4) Copies of test reports (type test, initial performance test, etc.)
 - 5) Sample client dosimetry report; and
 - 6) One-time application fee of Php 2,500, whether or not the application is successful.
- (b) All applications shall be submitted to:

Nuclear Regulatory Division
Philippine Nuclear Research Institute
Commonwealth Ave., Diliman, Quezon City

Section III. Assessment Process.

- (a) In assessing the applications, the PNRI will consider:
 - 1) whether the type of dosimetry system is appropriate to its intended purpose; and

- 2) if the scope of accreditation adequately covers the range of the applicant's dosimetry system.
- (b) If the provided information is insufficient or inadequate, the applicant will be given an opportunity to provide relevant supporting documents or additional information.
- (c) If an application is denied, the applicant will be notified of the decision along with guidance on the areas where they did not meet the criteria.
- (d) The PNRI may carry out an inspection of the applicant's facilities at a mutually agreed time.

Section IV. Approval for Recognition.

- (a) Upon satisfactory review of submitted documents, a certificate is issued to grant formal recognition to the applicant. This certification shall contain information on the dosimetry system and the types of radiation for which exposures are evaluated.
- (b) The names of recognized dosimetry service providers shall be listed on the PNRI website.

Section V. Terms and Conditions.

- (a) The formal recognition of a dosimetry service provider shall be granted without a predefined validity period; however, the service is subject to periodic inspection by PNRI to ensure ongoing compliance with the scope of the approval.
- (b) The dosimetry service provider shall notify the PNRI of any significant changes to the dosimetry system, any changes to the DTI-PAB accreditation or its equivalent, or any changes to the service itself, including changes in key staff or location.
- (c) The dosimetry service provider shall be familiar with the regulations relating to the dose monitoring of occupationally exposed individuals, in particular the recent revision of the Code of PNRI Regulations (CPR) Part 3.
- (d) The dosimetry service provider shall provide written advice to clients about the proper handling, storage, issue, and use of the dosimeter and any other information necessary to ensure that such dosimeters are used correctly.
- (e) The certification may be revoked in writing if found to be non-compliant with current criteria for recognition.
- (f) The certification may not be transferred to any other dosimetry service or to another organization.

Section VI. Effectivity.

This Order shall take effect fifteen (15) calendar days following its publication in the Official Gazette or in a newspaper of general circulation and shall be enforced until revoked in writing.

APPROVED:



CARLO A. ARCILLA, Ph.D.
Director, PNRI

Date: 23 May 2024