



Department of Science and Technology  
**Philippine Nuclear Research Institute**  
**Irradiation Services Section**

Services Offered: Gamma Irradiation Services and Electron Beam Irradiation Services

## How to Avail our Services

### Step 1

Request for irradiation schedule



- Apply online through <https://services.pnri.dost.gov.ph/portal/Irradiation/register>
- Secure approved request for discounted fees, if availing.
- The Irradiation Services Section (ISS) approves / disapproves request for irradiation service. Customer receives notification of status of request.

### Step 2

Print and sign approved application form



Irradiation Services		Fees and Charges	
<b>Electron Beam Irradiation Services</b>			
Using Cart Conveyor System	₱ 11,500	first hr	
		succeeding hr	
Using Liquid Handling System	₱ 12,000	first hr	
	₱ 8,000	succeeding hr	
<b>Gamma Irradiation Services</b>			
<b>Gammacell 220 Self-shielded Gamma Irradiator</b>	₱ 120	per load-hr	
	₱ 30	additional hr	
<b>Ob-servo Sanguis Self-shielded Gamma Irradiator</b>			
Dose < 0.2 kGy	₱ 200	per load-sample	
Dose 0.2 kGy to < 0.5 kGy	₱ 500	per load-sample	
Dose 0.5 kGy to < 1 kGy	₱ 900	per load-sample	
Dose 1kGy to < 15 kGy	₱ 1,500	per load-sample	
Dose 15 kGy to < 30 kGy	₱ 2,500	per load-sample	
Dose 30 kGy to < 50 kGy	₱ 3,500	per load-sample	
Dose 50 kGy and above	₱ 5,000	per load-sample	
Dose Validation/Test Irradiation	₱ 3,000	per set of 3 doses	
	₱ 1,000	additional dose	
<b>Multipurpose Irradiation Facility</b>			
Dose < 0.1 kGy	₱ 2,500	per load <sup>1</sup>	
	₱ 2,000	minimum charge per load <sup>2</sup>	
Dose 0.1 to < 1 kGy	₱ 3,500	per load <sup>1</sup>	
	₱ 3,000	minimum charge per load <sup>2</sup>	
Dose 1 kGy to 3 kGy	₱ 10,000	per load <sup>1</sup>	
	₱ 7,500	minimum charge per load <sup>2</sup>	
Dose > 3 kGy to 6 kGy	₱ 15,000	per load <sup>1</sup>	
	₱ 10,000	minimum charge per load <sup>2</sup>	
Dose > 6 kGy to < 25 kGy	₱ 20,000	per load <sup>1</sup>	
	₱ 15,000	minimum charge per load <sup>2</sup>	
Dose 25 kGy	₱ 25,000	per load <sup>1</sup>	
	₱ 20,000	minimum charge per load <sup>2</sup>	
Dose Validation/Test Irradiation	₱ 3,000	per set of 3 doses	
	₱ 1,000	per additional dose	
Dose mapping and other samples for R&D	₱ 5,000	per product load	

<sup>1</sup> Load = 1 load = 14 tote boxes (size of tote box: 70 cm L x 50 cm W x 90 cm H)

<sup>2</sup> Minimum charge = half-load or less

### Step 3

Submit samples/products on or before approved irradiation schedule together with application form



### Step 4

Pay to the Cashier's Office



### Step 5

ISS irradiates samples/products



### Step 6

Pick-up irradiated samples/products



Customer receives notification when samples/products are ready for pick-up.

ISS turn-around time is dependent on the dose requested by clients. Higher dose will require longer irradiation time. More samples will require more irradiation loads.

For Inquiries and assistance



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