

## Public Guide : Irradiation Services

### Service Organization : Thailand Institute of Nuclear Technology (Public Organization), Ministry of Science and Technology

#### Procedures, Rules, Conditions (if any) in the application and consideration

Irradiation Center provides services of Gamma gamma irradiation for the public including individuals, persons and private companies and government agencies in many product categories of products such as produces, processed food, pet food, herbs and spices, fresh fruits exported for export to USA USA and medical devices. The purposes of irradiations and the generic doses are shown as below.

1. Sprouting Inhibitioninhibition  
(Maximum dose according to FDA notification not to exceed than 1 kGy in for food products)
2. Delaying of ripening  
(Maximum dose according to FDA notification not to exceed than 2 kGy in for food products)
3. Insect disinfection  
(Maximum dose according to FDA notification not to exceed than 2 kGy in for food products)
4. Control of Parasite parasites  
(Maximum dose according to FDA notification not to exceed than 4 kGy in for food products)
5. Shelf life extension  
(Maximum dose according to FDA notification not to exceed than 7 kGy in for food products)
6. Microorganism and Pathogen pathogen Reduction  
(Maximum dose according to FDA notification not to exceed than 10 kGy in for food products)
7. Sterilization ( 10 - 50 kGy)

#### Service channels

<b>Service Stationstation</b> Radiation Irradiation center Thailand Institute of Nuclear Technology (Public Organization) 37 Moo 3, Techno Thani, Klong 5 Klong Luang, Pathumthani 12120 / Contact in person at the office.	<b>Opening hours</b> Open from Monday to Friday (except public holidays) from 08:30 AM to 4:30 PM
<b>Service Stationstation</b> Mr. Prasittichai Tirakitpongpan, Miss. Wanna Kongsuan Phone: 02-401-9889 ext. 6101 - 6103 or 02-577-4168 Fax: 02-577-1945	<b>Opening hours</b> Open from Monday to Friday (except public holidays) from 08:30 AM to 4:30 PM
<b>Service Station station</b> Email : <a href="mailto:tic@tint.or.th">tic@tint.or.th</a>	<b>Opening hours</b> Open from Monday to Friday (except public holidays) from 08:30 AM to 4:30 PM

#### Procedure, Duration and Responsible division

Approximately time frame for completing the process is 20 working days. (depending on the duration of irradiation needed).

No.	Procedure	Duration	Responsible division
1)	<b>Document Inspection inspection</b> Check the accuracy and completeness of the request and the quantity of the goods to be irradiated. (Notes: - (irradiation center) )	30 minutes	Irradiation Center
2)	<b>Consideration</b> Set up Appointment the appointment date / time for irradiation (Notes: -(Radiation Center))	30 minutes	Irradiation Center
3)	<b>Consideration</b> Radiation Officer Provide the irradiation service and issue a report of irradiation dose (Notes: (Duration depends on the purpose of the irradiation))	20 working days	Irradiation Center
4)	<b>Consideration</b> Invoicing officer Issue the invoice (noteNotes: -)	30 minutes	Irradiation Center

#### List of supporting documents

No.	Documents	Responsible division
1)	<b>Contract for irradiation Irradiation service Service (FM-08)</b> 1 of Original document: 0 None of Copied Copies: 1 Notes: --	Thailand Institute of Nuclear Technology (Public Organization)
2)	<b>Requesting for of gamma Gamma irradiation Irradiation service Service (FM-01)</b> 1 of Original document: 0 None of Copied Copies: 1 Notes: --	Thailand Institute of Nuclear Technology (Public Organization)
3)	<b>Request for of Gamma Irradiation Certificate the certificate of gamma irradiation (FM-126)</b> 1 of Original document: 0 None of Copied Copies: 1 Notes: --	Thailand Institute of Nuclear Technology (Public Organization)
4)	<b>Form toRequest of Product Delivery via Postal Mail delivery product via postal mail. (FM-174)</b> 1 of Original document: 0 None of Copied Copies: 1 Notes: --	Thailand Institute of Nuclear Technology (Public Organization)

**Fee**

No.	Fee details	Fee (Baht)
1)	Product Irradiation of products (Note : -)Fees to be calculated)	Fee rate depending on numbers of carriers used : 900 baht for 1 carriers used up to 3200 baht for 9 carriers used
2)	Irradiation of fresh Fruit fruits for export to USA (Note : -)	7 baht baht per kg. ,management fee 0.5 baht per kg., and dosimeter fee
3)	Test or research product samples (volume not exceeding 0.1 m <sup>3</sup> ) (Note : -)	1,070 baht per timeservice
4)	Certificate of Gamma Irradiation (Note : -)	100 baht per 1 timecertificate

**Service Complaint Channel**

No.	Complaints / Suggestions
1)	Thailand Institute of Nuclear Technology (Public Organization) Call Center 02-401-9885 (Note : )
2)	Public Service Center, Office of the Permanent Secretary, Office of the Prime Minister (Notes: (1, Phitsanulok, Dusit, Bangkok, 10300/1111; Hotline / www.1111.go.th/ PO Box 1111, 1 Phitsanulok Road, Dusit, Bangkok, 10300))

**Sample Forms and Manuals to Complete**

No.	Form Name
<i>No sample forms and manual filling.</i>	

**Remark:**

For more information, please contact : Radiation Radiation Services of Thai Irradiation Center,  
Thailand Institute of Nuclear Technology (Public Organization)  
37 Moo 3, Techno Thani, Klong 5, Klong Luang, Pathumthani 12120  
Phone: 02-401-9889 ext. 6101 - 6103 or 02-577-4168  
Fax: 02-577-1945 Email: tic@tint.or.th

Or One Stop Service at Thailand Institute of Nuclear Technology (Public Organization)  
16 Vibhavadi-Rangsit Rd., Ladyao, Chatuchak, Bangkok 10900  
Phone 02-401-9889 ext. 5990, 02-579-0743 fax 02-579-0220  
Thailand Institute of Nuclear Technology (Public Organization) Call Center 02-401-9885

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