

Public Guide : Services on Personal Radiation Dose Assessment by OSL

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

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

Thailand Institute of Nuclear Technology (Public Organization) or TINT provides personal radiation dose assessment services by OSL for securing radiation officer from over exposure to ionizing radiation, radioactive materials and/or nuclear materials. Besides, the service provides radiation dose information to ensure that radiation safety for individual workers is under surveillance. According to the Ministerial Regulation on Conditions in Licensing and Operation of Special Nuclear Materials, Source Materials, Byproduct Materials or Atomic Energy (B.E. 2550) and the Rules of Office of Atoms for Peace on License Application Form of Byproduct Materials or Atomic Power from Radiation Generators, Nuclear Materials or Source Materials, the radiation officer shall retain and reveal the report of personal radiation dose assessment. In addition, the law stipulates that radiation officer may receive radiation dose but should not exceed 20 millisieverts per year and the average dose over 5 years does not exceed 30 millisieverts. Optical Stimulated Luminescence Dosimeter (OSL) shares similar fundamental. However, OSL systems is the stimulated source that are heat and laser, respectively. The service is available for recording dose of beta rays, X-rays, gamma rays and neutrons. According to the standard procedure of ISO/IEC 17025:2017 of laboratory, the service confidentially serves radiation officer for both government and private sectors throughout the country for more than 8 years. Nowadays, TINT has regular customers more than 17,000 persons a year.

Service type

1. Optical Stimulated Luminescent Dosimeter (OSL)

Service Process

1. Customer fills up the request form for personal radiation dose assessment services by OSL.
2. One Stop Service staff estimates service fee.
3. Customer makes payment (Except for internal staffs).
4. TINT's staff delivers OSL card to the customer.
5. Within the time frame; after every 1-3 months, the customer will arrange returning the used card to One Stop Service.
6. The authorized staff will carefully evaluate the card and issue a report.

Service channel

<p>Service Station (Note : -)</p> <p>One Stop Service 9th building, 1st floor Thailand Institute of Nuclear Technology (Public Organization) 16 Lad Yao District Chatuchak, Bangkok 10900 /Self-contact at the office.</p>	<p>Opening hours Open from Monday to Friday (except public holidays) from 08:30 AM to 4:30 PM</p>
<p>Service Station (Note : -)</p> <p>Sample room National Institute of Nuclear Technology Head office 9/9 Tambon Sai Mun, Ongkharak, Nakhon Nayok / Contact by yourself at the office.</p>	<p>Opening hours Open from Monday to Friday (except public holidays) from 08:30 AM to 4:30 PM</p>

Procedure, Duration and Responsible division

Approximately time frame for completing the process is 15 working days.

No.	Procedure	Duration	Responsible division
1)	<p>Document Inspection Check the documents for the accuracy and completeness of the petition and the quantity of goods to be inspected. (note: -)</p>	30 minutes	Thailand National Institute of Nuclear Technology (Public Organization)
2)	<p>Consideration Appointment date for the report (note: -)</p>	1 working day	Thailand National Institute of Nuclear Technology (Public Organization)
3)	<p>Consideration OSL analysis of card samples (note: -)</p>	10 working day	Thailand National Institute of Nuclear Technology (Public Organization)
4)	<p>Signing / Board of Directors Report approval (note: -)</p>	4 working day	Thailand National Institute of Nuclear Technology (Public Organization)

List of supporting documents

No.	Documents	Responsible division
1)	<p>Application Form for OSL Personal Radiation Dose Assessment 1 copy 0 copies (Note : -)</p>	Thailand National Institute of Nuclear Technology (Public Organization)

No.	Documents	Responsible division
2)	OSL Radiation Dosimetry Request Form 1 copy 0 copies (Note : -)	Thailand National Institute of Nuclear Technology (Public Organization)

Fee

Services on Personal Radiation Dose Assessment by OSL	Baht / Set / Year (Report every 3 months)	1,000
	Baht / Set / Year (Report every month)	2,000
	Baht / Set / 2 Years (Report every month for more than 100 sets)	3,600

Note: This price includes 7% VAT.

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 manual filling.

No.	Form Name
1)	Application Form for OSL Personnel Assessment (Note: -)
2)	OSL Radiation Dosimetry Service Request (Note: -)

Remark :

For more information, please contact the Personal Radiation Assessment Services ,Thailand Institute of Nuclear Technology (Public Organization) 9/9 Moo 7 Tambon Sai Sai, Nakhon Nayok, Nakhon Nayok 26120
Phone: 02-401-9889 ext. 1902, 037-392-945, 037-392-901-6 ext. 1552 Fax : 037-392-945

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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