

INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY

Sophisticated Analytical Instrument Facility (SAIF)

Stylus Profilometer

Analysis Request Form

Applicant Details

User belongs to: IIT Bombay University National Lab Industry

User name:

Institute/University/Organisation:.....

Email ID: Mobile No.:

Name of Guide/PI:

Guide/PI Email ID: Guide/PI Mobile No.:


Address of Institute/Organization:.....

Sample Information and measurement details provided by the User

| | | |
|-----|--|--|
| 1) | Detailed description of the Sample Materials | Coating of film/Material.....and Substrate....., Or Other..... |
| 2) | Number of samples | |
| 3) | Sample code | |
| 4) | Sample is | Magnetic/Non Magnetic |
| 5)) | Type of analysis (Kindly tick) | a) Line scan (Film Thickness Measurement) <input type="checkbox"/> i) Approximate expected thickness innm/ μm . b) Area Scan <input type="checkbox"/> |
| 6) | Dimension for For Line scan : | Line Scan Lengthmm |
| 7) | Dimension For Area scan | Area Scan length mm Xmm |
| 8) | Stylus Tip Radius | At present the system has 2um radius diamond stylus tip but as per specific application requirement we have optional 12.5um radius stylus tip also. |

Material safety data:

If you are submitting more than one sample which are different in nature/composition, submit separate MSDS

| | |
|---|--|
| Sample Properties | Carcinogenic(level) <input type="checkbox"/> Toxic <input type="checkbox"/> Radioactive <input type="checkbox"/> Corrosive <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable <input type="checkbox"/> Other(specify): _____ |
| Moisture | Present <input type="checkbox"/> Absent <input type="checkbox"/> NA <input type="checkbox"/> |
| Volatile organic compound | Present <input type="checkbox"/> Absent <input type="checkbox"/> NA <input type="checkbox"/> |
| Stability of sample | Stable under RTP <input type="checkbox"/> Hygroscopic <input type="checkbox"/> Sublimes <input type="checkbox"/> Reactive in: Air <input type="checkbox"/> Light <input type="checkbox"/> Heat <input type="checkbox"/> Vacuum <input type="checkbox"/> Moisture <input type="checkbox"/> |
| Mention the storage and handling conditions if anything specific | |
| Whether incompatible with any material- | Yes <input type="checkbox"/> No <input type="checkbox"/> (Specify the materials): |
| Health hazards | Y <input type="checkbox"/> b <input type="checkbox"/> (irritant to skin/irritant to eyes/harmful to skin/ toxic if inhaled/toxic if ingested) |
| First aid measures | Eye/Skin/Inhalation/ Ingestion/Others(specify): |
| Disposal Method of sample | |
| Please fill appropriate numbers in the NFPA diamond: (*reference image attached below) |  |
| Additional information if any | |

***Along with this form MSDS should be submitted if available.**

Note: All Samples will be discarded after 15 days of analysis. If you wish to collect the samples then you are required to make arrangement for the same. SAIF office will not dispatch the same to users under any circumstances

Declaration

I confirm that the samples submitted for analysis are for research purpose only and the above furnished details are correct and true to the best of my knowledge. I understand that I will be held

responsible for any damages arising from incorrect information provided by me against material safety data.

I agree to acknowledge DST and SAIF/CRNTS, IIT Bombay for providing (Instrument name) analytical facility for my research work, in my publications. I also agree to send the publication reference (Journal name/volume number/names of the authors/date of issue of the publication etc) to office.saif@iitb.ac.in

I declare that the “Content of this report is meant for our information only and we will not use the content of this report for advertisement, evidence, litigation or quote as certificate to third party” I accept that all the issued reports/results (Soft/hard) will not carry any Signature or Seal and Stamp of SAIF/CRNTS IIT Bombay.

Signature of the User Signature of the In Charge/HOD/PI with College/P.I.

Guide seal / stamp

Date:

Place:

***Reference image for filling NFPA diamond:**



IMPORTANT NOTE:

User Instruction:

- Potentially hazardous/toxic/radioactive samples may not be accepted for analysis.
- Substrate Dimension: provide solid samples Min- 1cm x 1cm, Maximum 10 cm x 10 cm (size either in the form square/ rectangular/circular)
- Kindly mark the sample side for the analysis.
- Base of the sample should be flat for mounting on sample holder.
- Samples should be in dry form. Sample preparation if any should be done at user end (cutting the sample)
- **Chemical Allowed:** No wet chemicals allowed. No sticky and soft sample allowed
- For the Registration and Payment details please visit our website <http://www.saif.iitb.ac.in/> and download instruction manual. Any Query related to registration please contact SAIF Office :**office.saif@iitb.ac.in**, **contact no 022 25767691.**
- The MSDS document should be filled completely.
- Please upload your documents after inspecting them carefully. Any problem(s) in the documents, may result in significant delay the process
- Any wrong information provided may lead to cancellation of your registration
- Please complete your online registration and send your samples after receiving the document acceptance notification email.
- Please mention the **Request Number generated by our interface on the envelop** carrying the samples and send the samples to the following address:

“HEAD,
SAIF/CRNTS ,
IIT Bombay, Powai,
Mumbai-400076.

- Your appointment will be as per the queue.
- We prefer that you/ your representative, who know/understands the sample/material and what is expected to be seen, will be present on the day of appointment. If the user is not present representative data will be taken for the samples.