

## **Stylus Profilometer (Analysis Request Form)**

User name: .....Email ID:.....

Mobile no.....Name of Guide/PI:..... Department:.....

### **Sample Information and measurement details**

|    |                                              |                                                                                                                                                     |
|----|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 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/NonMagnetic                                                                                                                                |
| 5) | Type of analysis (Kindly tick)               | a) <b>Line scan</b> (Film Thickness Measurement)<br>i)Approximate expected thickness in ..... nm/ <b>µm</b> .<br>b) <b>Area Scan</b>                |
| 6) | Dimension for <b>Line scan</b> :             | LineScanLength.....mm                                                                                                                               |
| 7) | Dimension For <b>Area scan</b>               | Area Scan length.....max ..... mm                                                                                                                   |
| 8) | StylusTipRadius                              | 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:**

|                                |                                                                                                                                                                                                                                                        |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Properties</b>       | Carcinogenic (level) <input type="checkbox"/> Toxic <input type="checkbox"/> Radioactive <input type="checkbox"/><br>Corrosive <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable <input type="checkbox"/><br>Other (specify):..... |
| <b>Health hazards/Toxicity</b> | Yes <input type="checkbox"/> No <input type="checkbox"/><br>(irritant to skin/irritant to eyes/harmful to skin/<br>toxic if inhaled/toxic if ingested)                                                                                                 |
| <b>First aid measures</b>      | Eye/Skin/Inhalation/ Ingestion/Others (specify):<br>.....                                                                                                                                                                                              |