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Requisition form for using the facility at CIF: Transmission electron Microscopy (HRTEM)

1) User details:

Date :-

Supervisor's Name

User's Name:

User's Tel. No.(mobile) :

Email ID :

Supervisor's Signature
 (with seal)
 Name & Department

2) Measurement instructions for the operator:

i) Are your samples ready ?

ii) Are your samples magnetic/magnetic oxides

iii) Have you transferred your samples onto the grids

iv) Specify the nature of your sample
 Nano crystalline Powders
 Polymer/composites
 (Thin films on substrate) – cross sections
 Thin films deposited on grids
 Biological samples

v) Specify the expected chemical Name/or compound Name

vi) Any preference to work at a certain Kilo-Volt range

4) What studies do you wish to make (Please Tick)

- Electron Diffraction
- Normal TEM
- High resolution TEM
- EDAX

5) No. of samples (Restricted to 4 samples per application)

- **Submit Your samples along with this requisition form in properly sealed grid box.**
- Keep some prepared samples handy, in case a sample fails due to some reason, you can check the other one.
- USER should be always ready with his samples in advance, prior to the day, booked for his /her measurements.
- All beginners must try to learn how to prepare their samples on grids properly.

Instructions for the users

- i) User must report at the HRTEM lab by 9:30 AM on the day allotted for his measurement/analysis.
- ii) The Engineer will mount your sample and help you with the TEM analysis.
- iii) On the **Tentative booking date will be given** the user should be present during the measurements, and collects the date on their CD at the end of the measurement. Pen drives will not be allowed.

(Please fill all the necessary information)

Remarks

Signature of USER'S

HRTEM Engineer - USIC, Initials & Date