

Department of Metallurgical Engineering and Materials Science

Requisition Form for the use of X – Ray Diffractometer

External Registration No. _____

Date: / /

Name of the User : _____

Name of Organisation : _____

No. Of Samples : _____

Nature of Samples : Hygroscopic / Oxidisable / Poisonous / None of these.

Sample Identification Code : _____

Scanning Range (2θ) : _____

Special Requirements if any: _____

Contact No. and E – mail : _____

GIVEN MATERIALS IS NOT POISONOUS SO NOT TAKE EXTRA PRECAUTION.

Signature of the User : _____

- For Powder XRD, samples should be submitted in the form of **fine powder** (preferably less than $20\mu\text{m}$) to completely fill the rectangular cavity of the sample holder of dimension of Vol. 0.6cm^3 i.e. $l = 2$, $b = 1.5$, $h = 0.2$ cm.
For pallet samples, the sample should have dia. at most 1.5 cm and height 0.6cm.

While receiving the results: -

Received samples and results.

Name of the Operator: -

Signature of the User: -

Date: -