

Submission Date & Time:

File No.:

High-Resolution XRD Utilization Form

S. N. Bose National Centre for Basic Sciences

Block- JD, Sector– III, Salt Lake, Kolkata – 700106

Name: Designation:

Organization: Department:

Email: Contact No:

Sample Specifications (Elements):

Type of Sample: Powder Single Crystal Lump ($t < 3\text{mm}$) Thin film Liquid

Room Temperature XRD: Scan Range (2θ)

Grazing Incident XRD: Scan Range (2θ)

Low Temperature XRD: Temp. Range Scan Range (2θ)

High Temperature XRD: Temp. Range Scan Range (2θ)

Sample Melting Temp. (mandatory).....

XRR: Sample Thickness (t):(mm)

RC/RSM: Scan Range: ω , θ, χ, & ϕ

Pole figure/Texture: Scan Range: 2θ , ($h\ k\ l$), & t (mm)

SAXS: Scan Range: 2θ & Sample Length (l)..... (mm)

Justification (mandatory for LT- or HT-XRD)
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Name of the Supervisor:

Signature of the Supervisor

Signature of the User