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**REQUEST FORM FOR USAGE OF
LASER FLASH THERMAL CONDUCTIVITY FACILITY
(DIVERTOR & FIRSTWALL TECHNOLOGY DEVELOPMENT DIVISION, IPR)**

Job Serial ID.: _____
(To be filled by Operator)

Date: _____

For IPR User:

Project code: _____ Project/Division name: _____

User Name: _____ Designation: _____

Ext no: _____ Mobile Number: _____ E-mail Id: _____

Company/ Institute/University Name: _____
(Only for Outside IPR User)

Address: _____
(Only for Outside IPR User)

To be measured (Please tick): (* For Specific Heat, Reference sample and reference data should be provided by user)

Thermal Diffusivity *Specific Heat Thermal Conductivity

Sr. No.	Material Details	Sample dimension [W x D x T] [mm ³]	Melting Point [°C]	Density [Kg/m ³]	To be measured Temperature(s) [°C]

(Signature of User)

(Signature of Project/Group Head)

(Signature of Lab In-charge)

NOTE To The User:

- Submitted Material should be in bulk form and the surface condition should be good and flat.
- Required dimension of sample with tolerance ± 0.1 mm: Preferable thickness of the sample should be less than 6mm. (i) Square sample: 8 mm [L] X 8 mm [W], (ii) Circular sample: 12.6mm [D].
- Users are requested to provide Material Safety Data Sheet (MSDS) for the specimen material, if available.
- Toxic material, explosive material, irradiated material/radioactive material will not be taken for measurement.
- Material submission will be done after discussion and approval of the job.
- User(s) are requested to collect specimens after the completion of testing within 30 days afterwards operator will not be responsible for the same.
- Users are requested to check material properly before giving for the measurement. In case of damage in the equipment caused by the submitted materials, user will be responsible.