

[Office Use]
Sl.No:



**Centre for Innovative Manufacturing & Research
Erosion Testing Facility Requisition Form**

- 1. Name of User (Capital Letters):..... Reg. No:.....
- 2. Nature of Research : B.Tech project/ M.Tech Project/ PhD Research / Consultancy / Funded Project
- 3. Name of the Supervisor : Emp.ID:
- 4. Department/ Institute :
- 5. Affiliations (Please tick) :VIT Vellore/ Educational institution/ Govt.R&D Labs/Industry
- 6. Mobile No :
- 7. Supervisor Email.ID :
- 8. Facility Requested : High Temperature Wear / Lubricating Wear
- 9. No. Samples :
- 10. Total hours :
- 11. Estimated charges[#] : Rs..... in Words.....

[#]Ref overleaf

Signature of User

Signature of Supervisor

VIT INTERNAL (Students / Scholars)

An amount of INR _____ is transferred from the operating grant of the _____ department/center to CIMR account.

**Head of Centre/Department
(With seal)**

**Dean SMEC
(With Seal)**

Funded Projects / External Users

Login to <https://labpayments.vit.ac.in/CIMRLab/> register and pay the necessary charges

- 1. Registration reference # _____
- 2. Payment reference # _____

Signature of Director CIMR

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Sample as per standards and test parameters : Accepted/ Not accepted

Slot Allocation :

Lab Technician Name :

Test Date & Time	Starting Time	Final Time

Signature of the Facility In-Charge

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Wear Test Details

Description	Specification
Sample Description	
Base material \ Type alloy	
Test Time (Mins)	
Test Temperature in Degree C	
Sample Dimensions	
Thickness (5mm)	
Abrasive Flow rate	
Angle of Impingement	
Velocity (m/sec)	

Wear facility user charges

Charges per sample	VIT students	Academic Non-VIT	Industry & Govt R&D Labs
RT to 500°C	INR 3000/-	INR 4000/-	INR 6000/-
500 to 800 °C		INR 6000/-	INR 9000/-
800 to 1000 °C		INR 10000/-	INR 12000/-

Information for Users

- A user can bring maximum **4 samples** at a time. For high temperature applications a only a maximum of 2 samples shall be done per day.
- The dimensions of the samples shall be 25×25×5 mm or 15×15×5mm.
- The Ra of the sample where the impingement is planned shall be 0.4µm.
- Only softcopy of the result file shall be provided.
- User should read the instruction carefully and abide the regulations accordingly.
- For Internal users consent from the Head of the Departments/Center Head/ School Dean are required before the work can be taken up.
- For funded projects & external users payment has to be made in advance online at <https://labpayments.vit.ac.in/CIMRLab/>

For further details contact

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