

**FESEM TESTING & ANALYSIS
SERVICES****For Laboratory Use Only**

Received date :
Ref. no. : FESEM/A/20___/
Quotation no. :
Date completed :

APPLICANT INFORMATION

NAME :
SUPERVISOR :
MATRIX NO :
Please (✓) at the relevant box:
☐ RESEARCH ASSISTANT
☐ UNDERGRADUATE / PROJECT STUDENT
☐ POSTGRADUATE (Master/PhD)
☐ OTHERS (Postdoctoral/lecturer)

CONTACT NO. :

EMAIL :

SAMPLE INFORMATION

Type of samples:
☐ Powder
☐ Thin film or glass
☐ Biological
☐ Polymeric material

Sample's compound area:
☐ Surface
☐ Cross section

Required measurement?
YES / NO

DETAILS OF ANALYSIS

No.	Name of sample ¹	Magnification ²	Analysis type ³	Is coating required? Yes / No	Expected element present for EDX analysis
			FESEM / STEM ⁴ / FESEM + EDX ⁵		

¹ Maximum sample submission is not more than 5² Maximum magnification is 800k.³ Maximum scan image request for each sample are not more than 5⁴ Please provide your own copper grid⁵ EDX analysis:(a) Analysis system: ☐ Points analysis ☐ Mapping analysis ☐ Linescan**CONFIRMATION OF USING THE SERVICE**

Applicant signature : _____

Date : _____

FUND INFORMATION

(1) Categories and Credit Limit Eligibility under POPPS

Category	Credit Limit	Application Limit
Undergraduate Student	RM500.00	Once during study period
Postgraduate Candidate - Coursework	RM1,000.00	Once during study period
Postgraduate Candidate - Research/Mixed Mode	RM3,000.00/ year	Three (3) times during study period
Staff	RM3,000.00/ year	Once a year during service

(2) Once the allocated credit has been fully utilised, subsequent instrument usage will be charged according to the prevailing Internal User Service Rate. Please refer to **Chemistry Department Central Facility Website : cenfac.um.edu.my**

(For users who have exceeded their credit limit, please complete the grant details below for internal billing)

RESEARCH GRANT NAME : RESEARCH GRANT NO. :
 SUPERVISOR'S SIGNATURE : DATE :
 & OFFICIAL STAMP

IMPORTANT INFORMATION

- Users are required to consult with the laboratory staff before submitting samples for analysis.
- Samples cannot be in liquid form.
- Maximum sample weight is 10mg.
- For film sample, size must be 10mm x 10mm
- For cross section glass and thin film sample, size must be 10mm (H) x 5mm (W)
- Staff has the right to cancel any analysis if the sample is suspected to have high risk on the safety of the operator or can cause damage to the instrument during the analysis

For any queries please contact:

Resource person	Name	Phone	Email
Assistant Science Officer	Mohd Shukri Abd. Aziz	03-7967 7022 ext. 2357	shukriaziz@um.edu.my
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 CHEMISTRY NEW BUILDING
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