



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/46
Version	1/2021
Effective Date	01/05/2021
Equipment	CHEMISORPTION ANALYZER (TPDRO)
Sample Serial No.	UURL/

**SURFACE SCIENCE LABORATORY
SAMPLE SUBMISSION FORM**

General Rules and Requirement:

- All information provided should be true.
- Booking will be notified/updated by email.
- Booking procedure
 - Complete the application form including a valid research vote number.
 - Submit the complete application form to UURL Sample Acceptance Counter.
- Sample Condition & Preparation
 - PPMU has the right to cancel any analysis if the sample is suspected to have a high risk on the safety of the operator or can cause damage to the instrument during the analysis. The cost of damages will be borne by the customer.**
- All inquiries regarding analysis/ instrument should be forwarded to the (Assistant Science Officer Ms Iryani Nabilah or Science Officer Mrs Nor'Ain Abd Rahman 07-5557720/07-5557775)
- Only samples that ready to be analyzed were accepted by the lab

1. APPLICANT'S PERSONAL PARTICULARS

Name of Applicant					
Status of Applicant	<input type="checkbox"/> Undergrad	<input type="checkbox"/> Master	<input type="checkbox"/> PhD	<input type="checkbox"/>	<input type="checkbox"/> Research
Student Matric No.					
Faculty/ Department					
Hand Phone No.					
Email					

2. SUPERVISOR DETAILS

Name of Supervisor					
Staff ID No.					
Faculty/Department					
Hand Phone No.					
Email					
Mode of Payment	<input type="checkbox"/> Cash	<input type="checkbox"/> EFT	<input type="checkbox"/> Log card	<input type="checkbox"/>	<input type="checkbox"/> Invoice
Payment using Invoice	Research Vot No. (e.g.: QJ091600.24C3.01D32)				
	Balance of V29000				
Signature & Official Stamp					

3. SAMPLE INFORMATION

Name of Sample					
Type of Sample	<input type="checkbox"/> Powder	<input type="checkbox"/> Solid			
No. of Samples Submitted					
Sample i.d/Labels					
Test Required	<input type="checkbox"/> TPR	<input type="checkbox"/> TPD	<input type="checkbox"/> TPO	<input type="checkbox"/>	<input type="checkbox"/> Pulse Chemisorption
Gas Type					

Parameter	Condition	Gas & Flow Rate (ml/min)	Waiting Time (Hour)	Ramping Temperature & rate (°C)
	Pre-treatment/Cleaning			
Pre- Saturate the active sites				
To remove physisorbed gas from the surface of sample				
Ramping Temperature & rate (°C)				