UTM UNIVERSITI TEKNOLOGI MALAYSIA	PUSAT PENGURUSAN MAKMAL UNIVERSITI (PPMU)	Form Num.	UIRL/F/56
		Version	1/2024
		Effective Date	01/03/2024
		Equipment	CHEMISORPTION ANALYZER (TPDRO)
		Sample Serial No.	UIRL/

SURFACE SCIENCE LABORATORY
SAMPLE SUBMISSION FORM (INDUSTRY)

General Rules and Requirements:

1. All information provided should be true.
2. Booking will be notified/updated by email.
3. Booking procedure
   a. Submit the complete application form to UIRL Sample Acceptance Counter.
   b. **Fast Lane is offered to non-UTM customers with an additional 50% charge from the normal price.**
4. Sample Condition & Preparation
   a. PPMU has the right to cancel any analysis if the sample is suspected to have a high risk to 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.
   b. The remaining samples will be disposed of within a month after analysis is completed.
   c. Only samples that were ready to be analyzed were accepted by the lab
5. All inquiries regarding **Chemisorption Analyzer** should be forwarded to the Assistant Science Officer, Mrs Iryani Nabilah (email: iryaninabilah@utm.my or Mrs Nurleyana Salleh, email: nurleyana@utm.my, tel: 07-5557720) or visit our website at ppmu.utm.my

1. APPLICANT'S PERSONAL PARTICULARS	
Name of Applicant	
Hand Phone No	
Email	
Department/Division	
Signature & Official Stamp	***A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities**

2. COMPANY DETAILS								
Name								
Registration No.								
Address								
Telephone No.								
Email								
Mode of Payment		**Cash**		**EFT**		**Invoice**		**Fast Lane**

3. SAMPLE INFORMATION	
Name of Sample	
Type of Sample	☐ Powder ☐ Solid
No. of Samples Submitted	
Sample i.d/Labels	
Test Required	☐ TPD-CO2 ☐ TPD-NH3 ☐ TPR ☐ Pulse Chemisorption

Parameter :

Test	**TPR**			**TPD**		
Condition	**Gas & Flow Rate (ml/min)**	**Waiting Time (Hour)**	**Ramping Temperature &rate (°C)**	**Gas & Flow Rate (ml/min)**	**Waiting Time (Hour)**	**Ramping Temperature &rate (°C)**
Pre-treatment/Cleaning						
Pre- Saturate the active sites						
To remove physisorbed gas						
Ramping Temperature (°C) & rate (°C/min)						