



**FAKULTI SAINS GUNAAN  
UNIVERSITI TEKNOLOGI MARA**

**Electrochemical Impedance Spectroscopy Sample Form**

Instrument	: GAMRY POTENTIOSTAT
Note	<ol style="list-style-type: none"> <li>1. Maximum <b>4 samples</b> are allowed for each application</li> <li>2. Please use <b>CD or Wi-Fi only to copy your data</b> from the computer. Any <b>USB</b> drivers are not allowed to be used.</li> </ol>

**(A) Particulars of Sample Owner**

Name of applicant:	Supervisor's name (if applicable):
Student ID:	Staff No.:
Department and Organization:	Telephone No.:
Telephone No.:	Email:
Email:	Supervisor's signature:
Applicant's signature:	Supervisor's rubber stamp:

**(B) Details of Samples**

(Provide detailed information for applicable column)

	Sample ID	Name of sample	Type of sample (e.g. polymer film, metal, coated metal.)	Solution (NaCl/HCl/H <sub>2</sub> SO <sub>4</sub> )	Others (pls specify)

**PLEASE ALWAYS CONSULT THE TECHNICIAN-IN-CHARGE BEFORE SAMPLE SUBMISSION**

*This EIS sample form consists of 2 printed pages*

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**PLEASE ALWAYS CONSULT THE TECHNICIAN-IN-CHARGE BEFORE SAMPLE  
SUBMISSION**

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**(C) Conditions of measurement (standard condition)**

1. Type of measurement (EIS/LPR/Potentiodynamic)\*
2. Type of electrode system (two/three electrode measurement)
3. Frequency range
4. Voltage range
5. Area/ Dimension of sample
6. Temperature: 25 °C only

*\*If other type of measurement, please specify.*

**(D) Extraction of data for each sample (please tick)** (Again, the user (sample owner) must present during the analysis because only the user knows what he/she wants to observe)

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**For office use:**

1	Name of technician / lecturer	:	
2	Date of sample(s) received	:	
3	Signature of coordinator (Dr. Amirah Amalina Ahmad Tarmizi)	:	

Checked by coordinator: Dr. Amirah Amalina Ahmad Tarmizi, 017-5986414; amirahamalina@uitm.edu.my

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