





## Risk Assessment Matrix

### Activity or Experiment-Based Risk Assessment Form

<b>Department:</b>	ECE	<b>Name of Experiment/Activity:</b>	Use of Sputter Coater		
<b>Location:</b>	E3-04-04	<b>Name of Person in-charge:</b>	Mrs Ho CM	<b>Name of Lab Supervisor:</b>	A/Prof John Thong
<b>Last Review Date:</b>	03/06/2008	<b>Next Review Date:</b>	03/06/2011		

1. Hazard Identification				2. Risk Evaluation & Control									
No.	Task	Hazards	Possible Consequences	Existing Risk Control (if any)	S	L	R	Additional / New Risk Control	S	L	R	Action By	Deadline
1	Open the chamber lid	No hazard			0	0	0						
2	Load the sample	No hazard			0	0	0						
3	Closing of chamber lid	Chamber lid improperly seated	Poor seal, pump overheated due to prolong pumping	By training	2	1	2						
4	Start the sputtering process	Long & consecutive coating time	Machine break down	By training	2	1	2						
5	Unload the sample	No hazard			0	0	0						

<b>Conducted by: (Name, designation)</b>	Mrs Ho CM (PLO) A/Prof John Thong (Lab Supervisor)	<b>Approved by: (Name, designation)</b>	A/Prof John Thong (Lab Supervisor)
<b>Signature:</b>		<b>Signature:</b>	
<b>Date:</b>	July 22, 2008	<b>Date:</b>	