

NATIONAL UNIVERSITY OF SINGAPORE

Experiment-Based Risk Assessment Form

Name of Department Physics Location of Lab S7-01-01A
 Name of Laboratory CIBA clean room Name of PI Asst Prof Van Kan, Jeroen Anton
 Name of Researcher/LO Wang Yinghui & Liu Fan Name of Activity/Experiment Plating machine

No	Description/Details of Steps in Activity	Hazards	Possible Accident / Ill Health & Persons-at-Risk	Existing Risk Control (Mitigation)	Severity	Likelihood (Probability)	Risk Level	Additional Risk Control	Person Responsible	By (Date)
1	Adding water to the solution	Chemical spill of water plus electrolyte	skin and eye moderate irritation	wear gloves, mask, goggles	1	1	1			
2	loading samples	inhalation of toxic chemicals	suspect of cancer induction	wear N95 mask, the system has an active exhaust	2	1	2			
3							0			
4							0			
5							0			
6							0			
7							0			
8							0			
9							0			
10							0			

Conducted By Malar, Raman, Yao Yong, LiuFan,YingHui, GuoRui

Approved By
 Name Asst Prof Van Kan, Jeroen Anton
 Signature _____

Approval date 31/10/2011

Next Revision date 30/10/2014
 (Maximum 3 years)