

NATIONAL UNIVERSITY OF SINGAPORE

Experiment-Based Risk Assessment Form			
Name of Department	Chemistry	Location of Lab	S12-02-06
Name of Laboratory	CSMM3 Lab	Name of PI	Mark Breese
Name of Researcher/LO	Sara Azimi	Name of Activity/Experiment	usage of HF for electrochemical etching

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	Spillage of HF solution	possible exposure to HF liquid and vapour	potentially everyone in the laboratory may be exposed	In the event of a spill (100 ml or less), apply neutralizer to decontaminate surfaces. In some instances, powdered calcium carbonate or calcium hydroxide may be used to neutralize the spilled	1	2	2		Ow Yueh Sheng and Teo Ee Jin	5/11/2010
2				Enusre presence of spill kit before commencing work			0			
3							0			
4							0			
5							0			
6							0			
7							0			
8							0			
9							0			
10							0			

Conducted By Sara Azimi

Name Mark Breese

Signature _____

Approval date _____

Next Revision date _____
 (Maximum 3 years)