

NATIONAL UNIVERSITY OF SINGAPORE

Experiment-Based Risk Assessment Form			
Name of Department	Physics	Location of Lab	S7 01-01A & S7 01-08
Name of Laboratory	CIBA cleanroom & ESP nano fab lab	Name of PI	Asst Prof Jeroen Anton Van Kan
Name of Researcher/LO	Liu Fan & Hwei ming	Name of Activity/Experiment	UV Exposure

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	UV Exposure on polymers	Uvexposure to naked eyes and skin	Will harm cornea and retina seriously, prolonged exposure may cause burns to skin	Special UV goggles are provided for eye protection. Full boddy PPE is used. Warning signs are provided outside the clean room to warn other clean room users when UV is used. The UV lamp is shielded.	2	1	2			
2		ozone contamination	bad for lungs	There is an active exhaust on the lamp	1	1	1			
3							0			
4							0			
5							0			
6							0			
7							0			
8							0			
9							0			
10							0			

Conducted By HweiMing, Malar, Raman, Sara, Yao Yong, Sudheer, LiuFan, YingHui, John

Name Asst Prof Jeroen Anton Van Kan

Signature _____

Approval date 31/10/2011 Next Revision date 30/10/2014
(Maximum 3 years)