

NATIONAL UNIVERSITY OF SINGAPORE

Doc no: CIBA/RA/Exp/017 Experiment-Based Risk Assessment Form

Name of Department Physics Location of Lab S11 02-09
 Name of Laboratory CiBA photonics Lab Name of PI Andrew Bettiol
 Name of Researcher/LO Vanga Sudheer Kumar Name of Activity/Experiment Optical Characterization of waveguides

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	Sample preparation	The cleaved parts of the sample may fly off	Physical injury	While cleaving the sample the user should attach the sample on the sample cutting pad with double sided tape	1	1	1			
2	Optical Characterization of silicon/polymer /LiNOB waveguides	Laser reflection off shiny objects	Eye injury	Do not wear jewellery or watch during experiment. Make sure laser is switch off after use. Switch on the laser sign outside the door when using laser.	1	1	1			
3							0			
4							0			
5							0			
6							0			
7							0			
8							0			
9							0			
10							0			

Conducted By Vanga Sudheer Kumar

Approved By
 Name Andrew Bettiol
 Signature _____
 Approval date 1/11/2011 Next Revision date 1/11/2014
 (Maximum 3 years)