

NATIONAL UNIVERSITY OF SINGAPORE

Activity-Based Risk Assessment Form

Name of Department	Physics, NUS	Location of Lab	Football Field
Name of Laboratory	Physics Department	Name of PI	Dr Cindy Ng, Dr Abel Yang
Name of Researcher/LO	Wu Tong Meng Samuel	Name of Activity/Experiment	Star Gazing and Solar Ecilpse (8-9 March 2016)

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	Moving telescopes to football field	Telescopes are heavy	Strain to muscles	Increase the amount of manpower	1	1	1	NA		
2	Moving telescopes to football field	Tripods have pointed legs	May cause movers get cuts	Tripods loaded into basket trolleys with pointed edges hidden in the baskets.	1	1	1	NA		
3	Setting up the telescopes	Heavy equipment	Strain to muscles	Get more experienced helpers to set up	1	1	1	NA		
4	Star gazing	Rain, thunder and lightning	Strike by lightning	Coordinator to move all participants indoors if there are thunder and lightning.	1	1	1	NA		
5	Star gazing	Low light and slippery surfaces	Falls that can result in cuts and bruises	Light sticks will be used. First aid available from safety officer. More severe cases will be conveyed to nearby NUH.	1	1	1	NA		
6	Watching the solar eclipse	Strong sunlight	Injuries to the eye	Participants are warned not to look directly into the sun.	1	1	1	NA		
7	Moving the telescopes back to department.	Telescopes are heavy	Strain to muscles	Increase the amount of manpower	1	1	1	NA		
8							0			
9							0			
10							0			

Conducted By: Wu Tong Meng Samuel

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Approved By: \_\_\_\_\_

Name A/P Phil Chan / Dr Abel Yang / Dr Cindy Ng

Signature \_\_\_\_\_

Approval date 7-Mar-16 Next Revision date 7-Mar-19  
(Maximum 3 years)