

NATIONAL UNIVERSITY OF SINGAPORE

Doc no: CIBA/RA/Eq/007		Experiment-Based Risk Assessment Form	
Name of Department	<u>Physics</u>	Location of Lab	<u>S7 #01-01</u>
Name of Laboratory	<u>CIBA</u>	Name of PI	<u>Prof Frank Watt</u>
Name of Researcher/LO	<u>Dr Ren Mingin</u>	Name of Activity/Experiment	<u>Sample and chemical storage fridges</u>

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	low temperature (-85°C) freezer for storing biological samples (location: S7-01-01, on the right immediately after entering the door.)	Cold burns when introducing (or taking out) the samples into (or from) the freezer	Burn related health hazard	wear proper gloves when handling the samples.	1	1	1			
2	Freezer (-20°C) for samples storage (location: S7-01-01, in the pantry area)	1)Mild cold burn when handling the samples into or from the freezer: 2) Power plug needs to be fixed on the wall: 3) "NO FOOD" signage	Burn related health hazard and electrocution	proper gloves for handling the samples	1	1	1			
3	Fridge for samples & chemicals storage (location: S7-01-01, opposite Flammable cabinet)	Biohazard and hazardous chemicals		List of chemicals is pasted on the fridge; biohazard signage	1	1	1			
4							0			
5							0			
6							0			
7							0			
8							0			
9							0			
10							0			

**Conducted By** Dr Ren Mingin

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**Approved By**

Name: Prof Frank Watt

Signature: \_\_\_\_\_

Approval date: 12/4/2010

Next Revision date: 12/4/2013  
(Maximum 3 years)