SINGAPORE INSTITUTE OF		DOCUMENT TITLE	Page 1 of 7
TECHNOLOGY	EFFECTIVE DATE	PROGRAMME TITLE	VERSION

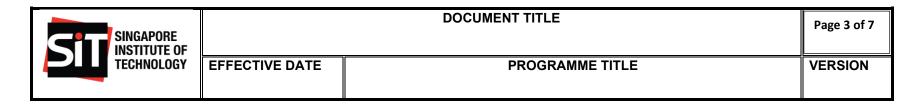
	Inventory of Work Activities														
(please r	ce Number: refer to PRS RA Repository for ning number)			Division	Infocomm Technology										
Title	hello														
Ref	Location	Process		Work Act	ivity	Remarks									
1		test	impact hamme	r											
			juggling apples	on a bicycle											

Note:

- This form is to be completed before filling in the Risk Assessment Form.
 The contents of the Process (column) and Work Activity (column) in the Inventory of Work Activities Form are to be copied over to the Process (row) and Work Activity (column), respectively, in the Risk Assessment Form.

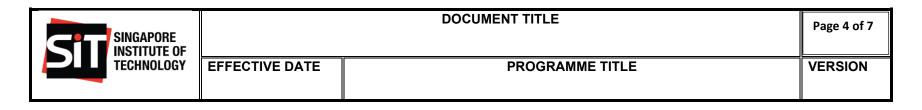
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TECHNOLOGY	EFFECTIVE DATE	PROGRAMME TITLE	VERSION

						ا	RISK A	\SSE	SSME	ENT _								
Refe	erence Number						RA L	eade	:					Appr	oved by	y:		
Title) :	hell	0				RA T	eam:						Signa	iture:			
Divis	sion:		comm hnology	Location:										Desig	ınation	:		
Last	Review Date:	17 J	ul 2025	Next Review Date:	17 Jul 2028									Date				
		Haz	ard Identificati	ion	R	isk Eval	uation							Ri	sk Con	trol		
Ref	<u>Activity</u>		<u>Hazard</u>	Possible injury / ill- health	Existing risk			<u>s</u>	L	RPN	Ac	dditional controls	<u>s</u>	L	т т	mplementation Person	Due date	Remarks
							test											
1.1.1	impact hammeı		Struck by		a) Administrative) a) Ensure that the impact hame one user in the be operating the dammer per ting roup members	the rublarly secunder. be group the impander. Oth	ber ire to) will ct er	3	1	3	a)							
			Ca M M	Likelihood everity atastrophic (5) ajor (4) oderate (3) inor (2)	Rare (1) 5 (M) 4 (M) 3 (L) 2 (L)	10 8 6	mote (2) (M) (M) (M) (M)		15 12 9	asional (3) 5 (H) 2 (M) (M)	I	Frequent (4) 20 (H) 16 (H) 12 (M) 8 (M)	25 20 15	t Certa (5) 5 (H) 6 (H) 6 (H) 6 (H)	iin			
				anlinible (4)	2 (L) 1 (L)		(11)			(11)		0 (IVI)		(IVI)				



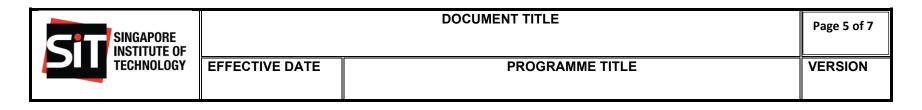
	Haz	ard Identification	on	Risk Evaluation						Ris	sk Co	ntrol		
Ref	<u>Activity</u>	<u>Hazard</u>	Possible injury / ill- health	Existing risk controls	<u>S</u>	L	RPN	Additional controls	<u>S</u>	II	RPN	Implementation Person	<u>Due</u> date	Remarks
				allowed to stand too close to the aeroplane model and impact hammer to avoid flying debris.										
1.1.2		flying debris		a) Administrative Control a) Ensure that the rubber nozzle is properly secure to the impact hammer. b) One user in the group will be operating the impact hammer per time. Other group members are not allowed to stand too close to the aeroplane model and impact hammer to avoid flying debris.	3	1	3	a)						
1.1.3		from the		a) Administrative Controla) Ensure that the rubbernozzle is properly secure to	3	1	3	a)						

Likelihood	Rare	Remote	Occasional	Frequent	Almost Certain
Severity	(1)	(2)	(3)	(4)	(5)
Catastrophic (5)	5 (M)	10 (M)	15 (H)	20 (H)	25 (H)
Major (4)	4 (M)	8 (M)	12 (M)	16 (H)	20 (H)
Moderate (3)	3 (L)	6 (M)	9 (M)	12 (M)	15 (H)
Minor (2)	2 (L)	4 (M)	6 (M)	8 (M)	10 (M)
Negligible (1)	1 (L)	2 (L)	3 (L)	4 (M)	(M)



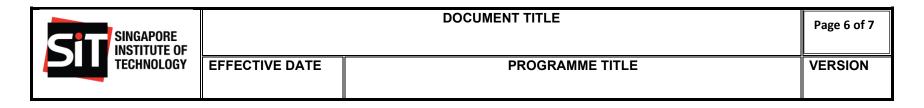
	Haz	zard Identification	on	Risk Evaluation						Ri	sk Co	ntrol		
Ref	<u>Activity</u>	<u>Hazard</u>	Possible injury / ill- health	Existing risk controls	<u>s</u>	Ē	RPN	Additional controls	<u>S</u>	Ţ	RPN	Implementation Person	<u>Due</u> date	Remarks
				the impact hammer. b) One user in the group will be operating the impact hammer per time. Other group members are not allowed to stand too close to the aeroplane model and impact hammer to avoid flying debris.										
1.1.4		rubber nozzle		a) Administrative Control a) Ensure that the rubber nozzle is properly secure to the impact hammer. b) One user in the group will be operating the impact hammer per time. Other group members are not allowed to stand too close to the aeroplane model	3	1	3	a)						

Likelihood	Rare	Remote	Occasional	Frequent	Almost Certain
Severity	(1)	(2)	(3)	(4)	(5)
Catastrophic (5)	5 (M)	10 (M)	15 (H)	20 (H)	25 (H)
Major (4)	4 (M)	8 (M)	12 (M)	16 (H)	20 (H)
Moderate (3)	3 (L)	6 (M)	9 (M)	12 (M)	15 (H)
Minor (2)	2 (L)	4 (M)	6 (M)	8 (M)	10 (M)
Negligible (1)	1 (L)	2 (L)	3 (L)	4 (M)	(M)



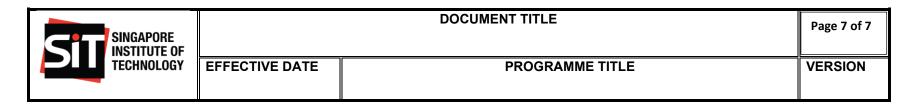
	Haz	ard Identification	on	Risk Evaluation						Ri	sk Co	ntrol		
Ref	<u>Activity</u>	<u>Hazard</u>	Possible injury / ill- health	Existing risk controls	<u>S</u>	L	RPN	Additional controls	<u>S</u>	L	RPN	Implementation Person	<u>Due</u> date	Remarks
1.2	impact hammer	Prolonged		and impact hammer to avoid flying debris. a) Administrative Control	2	1	2	a)						
		usage of computer	strain b) Fatigue	a) Ensure adequate lighting in lab. b) Take regular breaks of 5 – 10 minutes every 50 – 60 minutes. c) Ensure body posture is not fixed in a particular position for too long period of time and do not perform similar work during rest or break										
1.3	,	Juggling apples while riding a bicycle may lead to loss	bruises b) fractures c) or head	a) Engineering Controls: Use of a stationary bike to reduce the risk of movement and loss of balance.	4	3	12	a)						

Likelihood	Rare	Remote	Occasional	Frequent	Almost Certain
Severity	(1)	(2)	(3)	(4)	(5)
Catastrophic (5)	5 (M)	10 (M)	15 (H)	20 (H)	25 (H)
Major (4)	4 (M)	8 (M)	12 (M)	16 (H)	20 (H)
Moderate (3)	3 (L)	6 (M)	9 (M)	12 (M)	15 (H)
Minor (2)	2 (L)	4 (M)	6 (M)	8 (M)	10 (M)
Negligible (1)	1 (L)	2 (L)	3 (L)	4 (M)	(M)



	Hazard Identification			Risk Evaluation				Risk Control						
Ref	Activity Hazard Possible injury / ill- health			Existing risk controls	<u>S</u>	L	RPN	Additional controls	<u>S</u>	L	RPN	Implementation Person	<u>Due</u> date	Remarks
		of balance or distraction.												

Likelihood	Rare	Remote	Occasional	Frequent	Almost Certain
Severity	(1)	(2)	(3)	(4)	(5)
Catastrophic (5)	5 (M)	10 (M)	15 (H)	20 (H)	25 (H)
Major (4)	4 (M)	8 (M)	12 (M)	16 (H)	20 (H)
Moderate (3)	3 (L)	6 (M)	9 (M)	12 (M)	15 (H)
Minor (2)	2 (L)	4 (M)	6 (M)	8 (M)	10 (M)
Negligible (1)	1 (L)	2 (L)	3 (L)	4 (M)	(M)



L	evel	Severity	Description
		,	'
	1	Negligible	Negligible injury.
	2	Minor	Injury or ill-health requiring first-aid only (includes minor cuts and bruises, irritation, ill-health with temporary discomfort, fatigue, mental well-being).
	3	Moderate	Injury or ill-health (including mental well-being) requiring medical treatment (includes lacerations, burns, sprains, minor fractures, psychosocial stress, dermatitis and work-related upper limb disorders).
	4	Major	Serious injuries or life-threatening occupational diseases (includes amputations, major fractures, multiple injuries, occupational cancers, acute poisoning, diagnosed mental illnesses, disabilities and deafness).
	5	Catastrophic	Fatality, fatal diseases or multiple major injuries.

Level	Likelihood	Description
1	Rare	Not expected to occur but still possible.
2	Remote	Not likely to occur under normal circumstances.
3	Occasional	Possible or known to occur.
4	Frequent	Common occurrence.
5	Almost certain	Continual or repeating experience.

Risk score	Acceptability of risk	Recommended actions
Low 1-3	Acceptable	No additional risk control measures may be needed. Frequent review and monitoring of hazards are required to ensure that the risk level assigned is accurate and does not increase over time.
Medium 4-12	Tolerable	A careful evaluation of the hazards should be carried out to ensure that the risk level is reduced to as low as reasonably practicable (ALARP) within a defined time period. Interim risk control measures, such as administrative controls, may be implemented while long term measures are being established. Management attention is required.
High 15-25	Not acceptable	High Risk level must be reduced to at least Medium Risk before work commences. There should not be any interim risk control measures and risk control measures should not be overly dependent on personal protective equipment. If practicable, the hazard should be eliminated before work commences. Management review is required before work commences.

Note:

1. For the Role and Responsibilities of the Approver and RA Leader please refer to sections 4.3 and 4.4 of the Risk Management Programme respectively.