

<u>Appendix B</u> WHS Hazard and Risk Assessment

	Static I Assess No.	Risk ment	Assess	sment Date Rev Date		Revie Date	w bỵ	y Versio n
	To be assi WHS Officer/M equivalen	gned by anager or t	07/04/	07/04/2025			Refer to <u>Table</u> <u>5</u> to determine	
Name of the Task/Activity/Are a/Hazards to be	Big Day	7 In, Stud	ent event	nt event Top H, E)		<mark>) Residual Risk (L, M, E)</mark> L		
assessed Detailed description of the activity/task & location	Full day event with approximately 250 attendees. Students from years 9 – 12 from Canberra & surrounds.							
School/Service Division	College of Systems & Society							
Location and Supervisor	Locat ion	Build ing 60	Supervi sor				P h	
Risk Assessment Team Have you completed ANU WHS Risk Management	Nam e	Felip e Mess ias	Email	Felipe.messia au	ssias@anu.edu. Tobias.james @anu.edu.au		P h	0451597 049
Training? ⊠ Y □ N	Nam e	Tobi as Jame s	Email	Tok @a			P h	0450861 776
	Nam e		Email				P h	
	Nam e		Email				P h	
Who will be affected by this RA?	⊠ All pec □ A singl	pple in the lo e person (li	ocation st below)	□ A group/s of pe	ople (list	below)		
Who will be consulted on this RA? (All persons affected or their representatives needs to be consulted)	List the names of people who are consulted – <u>Mandatory</u> unless there is only 1 person affected Felipe Messias, Marketing & Recruitment Coordinator Tobias James, Marketing & Recruitment Manager					rson affected		



WHS Legal and Other Requirements	Work Health and Safety Act 2011 (Cth) Work Health and Safety Regulations 2011 (Cth)
	For other legal requirements, choose from University WHS Legal and Other Requirements Matrix for specific Risk Profile and corresponding requirements and <u>list them here</u> . Alternatively, you can refer to a WHSMS Handbook Chapter in this section.
Type of RA	 □ Static RA (long term and > 6 months) - Send a copy (electronic) to WHS Officer/Manager and keep original locally near the activity/location, accessible to all people affected. ○ Dynamic RA (short term and < 6 months or once off) - Keep the original locally (electronically or physically) near the activity/location, accessible to all people affected.

Risk Assessment Instruction

- This form is used when a documented risk assessment is required in accordance with Appendix A of WHSMS Handbook Chapter 3.1.
- Original risk assessments must be in a convenient location in the local area accessible by all people affected by the risk assessment.
- Risk assessments for static hazards/tasks/activities must be forwarded to local the WHS Officer/Manager for inclusion in the School/Service Division Static Risk Assessment Register.

Follow these steps to complete the risk assessment:

- 1. Select all applicable hazards from <u>Table 1</u> below and transfer them into the 'Hazards' column of the Risk Assessment (RA) Form.
- 2. Enter where and when this hazard exists. This may include specifying during which step(s) in the activity, this hazard exists.
- Estimate the inherent risk of the hazard (without any controls in place) by using Likelihood against Consequences (defined in <u>Table 2</u>) and the ANU WHS Risk Matrix (<u>Table</u> <u>3</u>). Record this in the 'Inherent Risk' column of the RA Form.
- 4. Identify appropriate control measures for each hazard in accordance with the Hierarchy of Control Principle (<u>Table 4</u>) and list them in the 'Control' column of the RA Form.
- 5. Estimate the residual risk of the hazard after implementing all controls. In estimating residual risk, remember that administrative controls can only reduce the 'likelihood' of an event occurring, not the 'consequences'.
- 6. Identify any controls that are not already in place as corrective actions in Figtree and ensure that they are implemented before undertaking the activity.
- 7. Obtain approval from relevant people as identified.
- 8. Identify if this is a static risk assessment (> 6 months) or dynamic risk assessment (< 6 months).
- 9. Send a copy of the static risk assessments to WHS Officers/Managers/Equivalent Keep on file for 7 years.
- 10. Keep originals of risk assessments in close vicinity of the activities. Dynamic risk assessments can be destroyed 1 year after the activity ceases.
- 11. Review the static risk assessments and associated safe work procedures in accordance with 3.1.2.6 Step 4: Review Control Measures.



Risk Assessment							
Hazards		Inherent Risk		Control Measures	R	esidual Risk	
Also list where and when can the hazards present?	Likelihood	Consequence	Risk rating	 When control a hazard, always follow Hierarchy of Control Principle to go to the highest possible control before moving to less effective controls (see Table 4). List the control category and the controls below. Do the same for all other hazards. For any controls that are not in place, fill in the Actions table on the following page. 	Likelihood	Consequence	Risk rating
High traffic areas & congestion	Possible	Insignificant	Low (4)	 Event staff to moderate flow of traffic and direct students to alternative paths or exits. Multiple venues booked across Cultural Centre to allow sufficient space for conference, exhibiting and lunch/rest areas. 	Unlikely	Insignificant	Low (2)
Insufficient supervision of guests under 18	Almost certain	Insignificant	Medium (10)	 Teachers to attend in supervisor roles – ratio of 1 teacher to 20 students Additional supervising staff includes 12 ANU volunteers Approximately 3 * CECC marketing staff Venue staff available if required. Parental permission provided in order to attend event. 	Unlikely	Insignificant	Low (2)



Risk Assessment								
Hazards	Inherent Risk			Control Measures	R	Residual Risk		
Also list where and when can the hazards present?	Likelihood	Consequence	Risk rating	 When control a hazard, always follow Hierarchy of Control Principle to go to the highest possible control before moving to less effective controls (see Table 4). List the control category and the controls below. Do the same for all other hazards. For any controls that are not in place, fill in the Actions table on the following page. 	Likelihood	Consequence	Risk rating	
COVID- 19 exposure	Unlikely	Minor	Medium (6)	 Guests are encouraged to stay home if feeling unwell Large venues secured to allow for sufficient space per individual. Hand-sanitiser & face masks readily available. 	Unlikely	Insignificant	Low (2)	



Corrective Actions The activity must not be commenced until all controls are in place. List below which controls are currently not in place, who will implement them and by when. Add additional rows as needed. Identified corrective actions must be recorded in Figtree. Timeframe Date List of Controls not in place Responsible person/s Figtree corrective action number Timeframe Date place Identified Identified Identified Identified Identified u Identified Identified Identified Identified Identified place Responsible person/s Figtree corrective action number Identified Identified



Approval for risk assessment

If the level of residual risk is assessed as <u>high</u> or <u>extreme</u>,

- 1. **Stop the activity immediately;** AND
- 2. Tag out the plant/equipment; and/or
- 3. Secure any chemical; and
- 4. Implement, or seek advice from WHS Officer or Subject Matter Experts to implement, additional controls to reduce the residual risk further to medium [Supervisor signature required];
- If the above is not possible, seek approval from relevant authority (High School/Division Director/College Dean; Extreme – COO).
 <u>NOTE: Approval will only be granted in exceptional circumstances after consultation with Associate Director, WEG and/or a Subject Matter Expert.</u> See <u>Chapter 3.1</u> for details.

Approval required						
Worker c	onducted RA			Student conducted RA		
Residual Risk Level	Authority required	Sig da	gnature and te	Residual Risk Level	Authority required	Signature and date
Low	Author of RA	<u>Fe</u> <u>31</u>	<u>lipe Messias –</u> /07/2024	Low	Supervisor	
Medium	Supervisor			Medium	Supervisor	
High	School/Service Division Director or College Dean			High	School/Service Division Director or College Dean	
Extreme	C00			Extreme	C00	



Table 1. Hazard Selection Table for Hazard Profiles

Electrical Shock (both minor
and major)□Electrical Burns (both minor
and major)□Overheating and fire□Electrocution□Other (not listed above)

Chemical Airborne contaminants that poses a health hazard Flammable \Box \Box Liquid \Box Solid \Box Gas □ Airborne contaminants \Box Explosive substances Self-reactive or self-heating chemicals Organic peroxide or peroxide-forming chemicals \Box Oxidising substances □ Hydrofluoric acid (HF) Corrosive □ Substances □ Gas □ Airborne contaminants Asphyxiate gas (e.g. CO₂ including dry ice, liquid N₂) Toxic and health hazard substances Toxic gas (e.g. Hydrogen cyanide, cyanogen) Respiratory irritants (e.g. engineered nanomaterials, dust, asbestos)

	Chemical spraying (e.g. agricultural, pesticides)
	Chemicals requiring health monitoring (e.g. Schedule 14 Chemicals).
	Prohibited and restricted carcinogens
	Mutagens or reproductive system hazards
	Hazards during storage (e.g. mixed hazards storage, dangerous when wet, temperature sensitive, heat & friction sensitive etc)
	Mix two chemicals to form a new chemical
	Chemical spill – Controlled or uncontrolled
	Exposure to Hazardous Materials (e.g. Asbestos, Lead or Mercury).
	Other (not listed above, e.g. hazard interactions)
Bio	ological
	Live animal handling (e.g. bites, allergies)
	Potential of uncontrolled outbreak of an infectious disease

Chemical

Pathogen or body fluid contamination
Exposure to viruses including blood borne viruses

□ Infective microorganism exposure

Bio	ological
	Exposure to communicable or infectious disease as a research object
	GMO exposure and security
	Sharps and contaminated sharps
	Biological material spillage
	Other (not listed above)
Pla	int and Equipment
	Entanglement and trapping parts
	Crushing, rotating and cutting parts
	Serious burn/cold
	Ejection of piece/s; shattering or fragmentation; Explosion; Implosion
	Stabbing, puncturing, shearing, friction, abrasion
	Lifts or suspends a load (e.g. falling objects)
	Rollover or striking against the plant
	Pressurised vessels (e.g. autoclave, boilers, steam generator)
	Mobile lifting equipment and Elevated Work Platform (e.g. heavy load fall from height)
	Hazardous levels of heat or vibration (generated by plant to whole or part body)
	Potential exposure to fluids

under high pressure

Plant and Equipment

 $\Box \quad \text{Other (not listed above)}$

No	Noise				
	Exposure to 85dB(A) LAeq, 8h				
	Exposure to peak noise level of 130 dB(C) any time during the work activity				
	Exposure to ototoxic chemicals:				
	□ At any noise level				
	\Box > 50% of the OEL of the chemical at any noise level				
	□ At over 100 dB noise level but any level of exposure to ototoxic chemicals				
	Exposure to vibration & ototoxic chemicals				
	Nuisance level of noise causing discomfort				
	Other ((not listed above)				

Ra	Radiation				
	Sealed or Unsealed sources (alpha, beta or gamma)				
	Exposure to EM Radiations (e.g. X-ray, UV, infrared)				
	Exposure to artificial radiation (e.g. laser)				
	Security of sealed and unsealed sources				
	Other (not listed above)				
Ergonomics and Manual Tasks					

□ Repetitive or sustained forces

WHSMS Handbook Chapter 3.1 Hazard Management - Appendix B WHS Hazard and Risk Assessment Template

Work Health and Safety Management System (WHSMS) Handbook

Erg	Ergonomics and Manual Tasks					
	Sustained awkward static postures					
	Repetitive movements					
	Long duration					
	High Forces					
	Long duration of the same posture (e.g. standing, sitting)					
	Animal handling or handling unbalanced/unpredictable load					
	Transfer of item(s) up or down stairs, using both hands or requiring the use of lifting equipment from one level to another					
	Repetitive, monotonous work, at a high pace					
Du	Duress and Security Stress					

Du	Dui ess allu secui ity sti ess				
	Personal life threat e.g. violence behaviour, attacking with knives, guns, clubs, or any type of weapon				
	Personal threat e.g. aggressive behaviour, physical abuse, assault (includes home visits, public interview)				
	Verbal abuse, threat				
	Sexual assault/Raping				
	Bomb threat or unidentified package				
	Throwing objects, pushing, shoving, tripping, grabbing, kicking, hitting				
	Contact with body fluid (e.g. biting, spitting, scratching)				



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Du	Duress and Security Stress				
	Kidnaping in a public location while conducting interviews				
	Unauthorised persons gained access to a building				
	Other (not listed above)				

Pu	blic Safety					
	Uncontrolled spread of hazardous materials to public					
	Uncontrolled spread of GMO, communicable or infectious disease to public					
	Natural disaster e.g. earthquake, flood, bushfire					
	Explosion of liquid nitrogen tanks or other tanks that would injure public					
	Loss of radioactive sources that are potentially hazards to students and public					
	Hazardous wastes going into drinking water/public river/public sewage					
	Use of industrial robots or University designed robots					
	Use of VR, AI or emerging technology on experiment participants					
	Provide experiment participants with confronting materials that would cause traumatic events					
	Supply/inject/apply substances (e.g. alcohol, chemical, S4-S9 drugs) to experiment participants					
	Other (not listed above)					

Image: Animals (e.g. hazardous wild animals, bees, snakes)Image: Animals (e.g. hazardous wild animals, bees, snakes)Image: Animals (e.g. snakes)Image: Animals (e.g. entry (e.g. pit, tank, silo, entry through a hatch)Image: Anit Anit Anit (e.g. ladder, elevated platform, cliff, scaffolding)Image: Anit Anit (e.g. ladder, elevated platform, cliff, scaffolding)Image: Anit Anit (e.g. ladder, elevated platform, cliff, scaffolding)Image: Anit (e.g. ladder, elevated platform, cliff, scaffolding)Image: Anit (e.g. ladder, elevated platform, cliff, scaffolding)Image: Anit (elevated platform)Image: Anit (elevated platform)	Physical/Environmental				
Confined space entry (e.g. pit, tank, silo, entry through a hatch)Fall from a height (e.g. ladder, elevated platform, cliff, scaffolding)File (potential for uncontrolled fire due to ignition sources)Flying or moving items/plant/vehicles, falling object(s)Hazardous terrain or environment including wet/slippery surfacesLighting/visibility is compromised and hazardousStaceedingly strong lighting both natural and artificialStaceedingly strong lighting both natural and artificialDifficult to access work site, or a rescue effort would be difficult in the event of an emergencyPoor air quality or ventilation at workNusufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner)Stall on same level (e.g. slip, trip, wet or unstable surface)Stall on same level (e.g. slip, trip, wet or unstable surface)Other (not listed above)		Animals (e.g. hazardous wild animals, bees, snakes)			
Sall from a height (e.g. ladder, elevated platform, cliff, scaffolding)Salf for (potential for uncontrolled fire due to ignition sources)Flying or moving items/plant/vehicles, falling object(s)Hazardous terrain or environment including wet/slippery surfacesLighting/visibility is compromised and hazardousSaceedingly strong lighting both natural and artificialGlare and reflectionsFremperature or weather extremes (e.g. hypothermia, major burns)Difficult to access work site, or a rescue effort would be difficult in the event of an emergencyPoor air quality or ventilation at workInsufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner)Sall on same level (e.g. slip, trip, wet or unstable surface)Other (not listed above)		Confined space entry (e.g. pit, tank, silo, entry through a hatch)			
 Fire (potential for uncontrolled fire due to ignition sources) Flying or moving items/plant/vehicles, falling object(s) Hazardous terrain or environment including wet/slippery surfaces Lighting/visibility is compromised and hazardous Exceedingly strong lighting both natural and artificial Glare and reflections Glare and reflections Difficult to access work site, or a rescue effort would be difficult in the event of an emergency. Poor air quality or ventilation at work Insufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner) Fall on same level (e.g. slip, trip, wet or unstable surface) Other (not listed above) 		Fall from a height (e.g. ladder, elevated platform, cliff, scaffolding)			
Flying or moving items/plant/vehicles, falling object(s)Hazardous terrain or environment including wet/slippery surfacesLighting/visibility is compromised and hazardousSexceedingly strong lighting both natural and artificialGlare and reflectionsFemperature or weather extremes (e.g. hypothermia, major burns)Difficult to access work site, or a rescue effort would be difficult in the event of an emergencyPoor air quality or ventilation at workSufficient/poor amenities (e.g. 		Fire (potential for uncontrolled fire due to ignition sources)			
 Hazardous terrain or environment including wet/slippery surfaces Lighting/visibility is compromised and hazardous Exceedingly strong lighting both natural and artificial Glare and reflections Glare and reflections Difficult to access work site, or a rescue effort would be difficult in the event of an emergency Poor air quality or ventilation at work Insufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner) Fall on same level (e.g. slip, trip, wet or unstable surface) Other (not listed above) 		Flying or moving items/plant/vehicles, falling object(s)			
 Lighting/visibility is compromised and hazardous Exceedingly strong lighting both natural and artificial Glare and reflections Temperature or weather extremes (e.g. hypothermia, major burns) Difficult to access work site, or a rescue effort would be difficult in the event of an emergency Poor air quality or ventilation at work Insufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner) Fall on same level (e.g. slip, trip, wet or unstable surface) Other (not listed above) 		Hazardous terrain or environment including wet/slippery surfaces			
Exceedingly strong lighting both natural and artificialGlare and reflectionsFemperature or weather extremes (e.g. hypothermia, major burns)Difficult to access work site, or a rescue effort would be difficult in the event of an emergencyPoor air quality or ventilation at workInsufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner)Fall on same level (e.g. slip, trip, wet or unstable surface)Other (not listed above)		Lighting/visibility is compromised and hazardous			
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 Temperature or weather extremes (e.g. hypothermia, major burns) Difficult to access work site, or a rescue effort would be difficult in the event of an emergency Poor air quality or ventilation at work Insufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner) Fall on same level (e.g. slip, trip, wet or unstable surface) Other (not listed above) 		Glare and reflections			
 Difficult to access work site, or a rescue effort would be difficult in the event of an emergency Poor air quality or ventilation at work Insufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner) Fall on same level (e.g. slip, trip, wet or unstable surface) Other (not listed above) 		Temperature or weather extremes (e.g. hypothermia, major burns)			
 Poor air quality or ventilation at work Insufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner) Fall on same level (e.g. slip, trip, wet or unstable surface) Other (not listed above) 		Difficult to access work site, or a rescue effort would be difficult in the event of an emergency			
 Insufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner) Fall on same level (e.g. slip, trip, wet or unstable surface) Other (not listed above) 		Poor air quality or ventilation at work			
 Fall on same level (e.g. slip, trip, wet or unstable surface) Other (not listed above) 		Insufficient/poor amenities (e.g. toilets, lunch area, breakout area, air-conditioner)			
□ Other (not listed above)		Fall on same level (e.g. slip, trip, wet or unstable surface)			
		Other (not listed above)			

Tra	affic Safety		Tra	ai
	Lack of separation of vehicles, delivery drivers and pedestrians			
	Lack of physical barriers to prevent interaction between vehicles, delivery drivers and			
	pedestrians			
	Vehicles queue in a way that could create risks to nedestrians for example			
	crossing walkways or			
	vehicles			
	Routes are not wide enough to separate vehicles and pedestrians			
\boxtimes	Vehicles and pedestrians frequently interact			
	Activities done close to public		Ev	e
	areas (e.g. students coming out from a School building)			
	Unsuitable road conditions, uneven terrains, unregulated road routes			
\boxtimes	Certain times of higher traffic volumes or interactions between vehicles, delivery drivers and pedestrians			
	Poor lighting, visibility, shade or			
	Potential contact with			
	stationary objects e.g. overhead structures, stationary plant or			
	Blind spots at the workplace caused by stationary equipment			
	and vehicles and other areas of poor visibility or low lighting levels			
	Other hazards e.g. noise, emissions or falling objects			
	surrounding the building			

Гra	affic Safety
	Pedestrian routes are not designed so pedestrians will not take short cuts
	Intersections and bottleneck areas around driveways and entrances
	'Blind' or convex corners
	Lack of disability access to and within a workplace
	Workers are not aware of insurance policy or emergency procedure on road
	Lack of maintenance of bikes and cars provided to workers
	Use of personal vehicle or bikes for work activities
	Other (not listed above)
Eve	ent Specific
	Access to the event is restricted/controlled
	Amenities, including disability amenities inadequate/insufficient
	Amusement structures/rides/inflatable structures
	Animals and wildlife
	BBQ using gas bottles
	Children under the age of 18 are part of the event or attending
	Hit by a vehicle (e.g. moving cars in proximity to pedestrians)
	Held in a remote area, difficult to access site)
	Crowding

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Eve	Event Specific		
	Communication problems/co- ordination of information/alerts		
	Fatigue e.g. duration of the event, extreme heat		
	Liquor license		
	Medical emergency, difficult to administer or obtain first aid gain assistance e.g. access to medical facilities		
	Scaffolding more than 4m in height		
	Food services and preparation		
	High risk work licence required in accordance with WHS Regs		

High Risk Travel			
	Risk of kidnapping in this city/region		
	Current civil unrest/political tension		
	Violent crime		
	Threat of attack from bordering nations		
	Region affected by natural disaster		
	Threat of regional disputes spreading		
	Heightened risk terrorist attacks can occur		
	Health risks from insect borne disease		
	Health risks from water borne disease		
	Health risks from other infectious disease in the destination countries		



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Hig	High Risk Travel			
	Threat of assault and sexual assault in foreign countries			
	Travel by some roads restricted due to risks			
	Risk of violence or discrimination based on gender or LGBTI identity Unpredictable and potentially volatile security situation			
	Other (not listed above)			

Lack of appropriate communication tools/aidLack of tracking to know where the person isRemote or isolated work locationsUse of poorly maintained vehicles or use of personal vehiclesWildlife or animalsNaffic accidents while going to or from CampusDuress situations including being threatened by the publicPoorly set-up/resourced offsite workspaceSocial isolation and lack of day to day supportLoss of usual health/self-care routines such as exercise and sleepOther (not listed above)	Working Away from Campus		
 Lack of tracking to know where the person is Remote or isolated work locations Use of poorly maintained vehicles or use of personal vehicles Wildlife or animals Traffic accidents while going to or from Campus Duress situations including being threatened by the public Poorly set-up/resourced offsite workspace Social isolation and lack of day to day support Loss of usual health/self-care routines such as exercise and sleep Other (not listed above) 		Lack of appropriate communication tools/aid	
Remote or isolated work locationsUse of poorly maintained vehicles or use of personal vehiclesWildlife or animalsNraffic accidents while going to or from CampusDuress situations including being threatened by the publicPoorly set-up/resourced offsite workspaceSocial isolation and lack of day to day supportLoss of usual health/self-care routines such as exercise and sleepOther (not listed above)		Lack of tracking to know where the person is	
Use of poorly maintained vehicles or use of personal vehiclesWildlife or animalsTraffic accidents while going to or from CampusDuress situations including being threatened by the publicPoorly set-up/resourced offsite workspaceSocial isolation and lack of day to day supportLoss of usual health/self-care routines such as exercise and sleepOther (not listed above)		Remote or isolated work locations	
 Wildlife or animals Traffic accidents while going to or from Campus Duress situations including being threatened by the public Poorly set-up/resourced offsite workspace Social isolation and lack of day to day support Loss of usual health/self-care routines such as exercise and sleep Other (not listed above) 		Use of poorly maintained vehicles or use of personal vehicles	
 Traffic accidents while going to or from Campus Duress situations including being threatened by the public Poorly set-up/resourced offsite workspace Social isolation and lack of day to day support Loss of usual health/self-care routines such as exercise and sleep Other (not listed above) 		Wildlife or animals	
Duress situations including being threatened by the publicPoorly set-up/resourced offsite workspaceSocial isolation and lack of day to day supportLoss of usual health/self-care routines such as exercise and sleepOther (not listed above)		Traffic accidents while going to or from Campus	
 Poorly set-up/resourced offsite workspace Social isolation and lack of day to day support Loss of usual health/self-care routines such as exercise and sleep Other (not listed above) 		Duress situations including being threatened by the public	
 □ Social isolation and lack of day to day support □ Loss of usual health/self-care routines such as exercise and sleep □ Other (not listed above) 		Poorly set-up/resourced offsite workspace	
 □ Loss of usual health/self-care routines such as exercise and sleep □ Other (not listed above) 		Social isolation and lack of day to day support	
\Box Other (not listed above)		Loss of usual health/self-care routines such as exercise and sleep	
		Other (not listed above)	

Psy	Psychosocial					
	Job Demands – High job demand, long working hours					
	Job Demands – High emotional effort responding to distressing situations and to aggressive colleagues or students					
	Job Demands –Shift work, casual employment, afterhours work, fatigue management					
	Job Demands – Low job demands, too little to do, monotonous tasks					
	Poor support - including emotional support, from employer, colleagues and managers					
	Poor support - Not having the things to do their job properly or on time (e.g. not having the necessary and well maintained tools, systems, equipment or resources)					
	Poor support – inadequate training, leadership, feedback and instruction from supervisor/manager					
	Poor Support – Unable to ask for help or collaborate with colleagues due to excessively competitive or unhealthy workplace culture					
	Low Job Control – High workloads, time pressure, fast work pace					
	Low Job Control – workers not able to determine methods of work, changes to work practices or otherwise have low autonomy in their role					

Psychosocial			Ps	ychosocial
	Poor organisational change management – poor planning for change without considering WHS needs			Poor Physical Environment – Frequently performing hazardous tasks
	Poor organisational change management- poor consultation in change management	-		Exposure to Traumatic Events – Direct exposure to traumatic events at work
	Poor organisational change management; poor communication of needs and			Exposure to Traumatic Events – Indirect exposure to traumatic events at work
	processes for change. Low role clarity - uncertainty about changes or frequent changes to tasks and work standards; conflicting job roles or reporting lines	_		Harmful Behaviours - aggression, harassment and sexual harassment, discrimination based on race, gender, sexuality, disability or other.
	Low role clarity – No standardised WHS management practices across the University			Harmful Behaviours - Violent events such as robbery, assault including sexual assault, being threatened by managers,
	Remote and/or isolated work – working alone (eg nightshift) or away from usual workplace, □ reduced access to communications and usual			colleagues, students, customers, managers or visitors to campus.
				Harmful Behaviours – workplace conflicts
	support networks (friends/family)			Harmful behaviours – Poor relationship between
	Remote and/or isolated work – working in locations requiring long travel, or difficult access, poor access to support and			staff or HDR students or other workers
				Bullying – Workplace bullying
	Poor Physical Environment – Workplace not compliant with WHS requirements	-		Poor Organisational Justice – Perceived or actual lack of fairness, equity and diversity; discrimination against
	Poor Physical Environment – Poor air quality, high levels of			
	noise, extreme temperatures Poor Physical Environment – Frequently working in unpleasant conditions			inconsistent application of policy and procedures; bias on resource allocation

WHSMS Handbook Chapter 3.1 Hazard Management - Appendix B WHS Hazard and Risk Assessment Template Approved by: Work Environment Group Version: 2.0 Release Date: 20 July 2022 Review Date: 30 December 2022 Page 9 This process is uncontrolled after printing.

Work Health and Safety Management System (WHSMS) Handbook

Psy	Psychosocial			
	Inappropriate rewards and recognition – receiving or witnessing unfair, insufficient or biased feedback or reward in the workplace			
	Inappropriate rewards and recognition – limited or inequitable provision of development opportunities/ skill recognition			
	Individual vulnerability-person without a disability; pre- existing mental and/or physical conditions; age and experience of worker, disclosed external stressors eg carer responsibilities, financial situation, relationship status.			
	Other (not listed above)			

COVID-19			
\boxtimes	Common Controls associated with COVID-19 (<u>Appendix B.1</u>)		
	Other (not listed above)		

Other Hazard Profiles not listed above

Please identify in the Hazard \boxtimes Profile here and hazards in the form below



No hazards are identified. No **Risk Assessment is required.**



Table 2.1. Likelihood Table

Ranking	Description	Probability or frequency of event happening
Almost certain	The hazard is expected to lead to an event in most circumstances at the University	A daily to monthly occurrence
Likely	The hazard could lead to an event in most circumstances at the University	Occurs once monthly to once yearly
Possible	The hazard has led to an event at some time at the University	Occurs once between 1 to 5 years
Unlikely	The hazard could lead to an event at some time	Occurs once between 5 to 20 years
Rare	The hazard may lead to an event in exceptional circumstances	Occurs once between 20+ years

Table 2.2. Consequences Table

Ranking	Injury, Illness or Disease	Plant, Equipment and materials	Environment
Catastrophic	Fatality / fatalities or permanent disability. Permanently unable to work	Destroyed or cannot be reused	Long term permanent effect to ecosystems. Significant intervention required to remediate
Major	Requiring extensive medical treatment such as hospitalisation as in patient and possibly a Notifiable Incident. LTI >1 week	Damage requiring repairs/rebuild and possible recertification prior to reuse, lost use for one or more days	Notification to environmental agency, ecosystem will need time to recover, intervention required to remediate
Moderate	Minor medical treatment injury, such as treated by a health professional (eg physiotherapist/ psychologist), hospital outpatient, no potential to be a Notifiable Incident. LTI < 1 week and can return to normal duties	Damage requiring a repair/service by a trade/technician within the day	Contamination event that does not impact on ecosystem. Short impact does not need intervention
Minor	Injury needing significant first aid/mental health	Equipment able to be reset or gotten back into	Minor contained contamination ceasing when the short event is

	first aid treatment and can return to work within shift	operation by the operator	over, can remediate (e.g. spill kit)
Insignificant	Report only, no injury OR minor first aid (e.g. bandaid); short- term discomfort	Report only, no damage	Report only, no contamination

Table 3. ANU WHS Risk Matrix

	Insignificant	Minor	Moderate	Major	Catastrophic
Almost certain	Medium (10)	High (14)	Extreme (21)	Extreme (22)	Extreme (25)
Likely	Medium (7)	High (13)	High (16)	Extreme (20)	Extreme (24)
Possible	Low (4)	Medium (9)	High (15)	High (18)	Extreme (23)
Unlikely	Low (2)	Medium (6)	Medium (8)	High (17)	High (19)
Rare	Low (1)	Low (3)	Low (5)	Medium (11)	Medium (12)

Table 4. Hierarchy of Control

Level	Examples	Effectiveness
Eliminatio	Remove the hazards completely.	Most Effective
n	Cease the activity.	
	• Dispose of unwanted hazardous chemicals or plant	
	etc.	
	• Individuals with COVID symptoms are not allowed	
	on campus or attend class.	
Substituti	Use less hazardous chemicals.	
on	• Use safer plant equipment.	
	• Use handset instead of telephone.	
	• Move smaller weight loads instead of large weight.	
	• Remote teaching, learning and meetings (COVID).	
	• Outdoor gathering and functions (COVID).	
Isolation	• Physical separation from the hazard by distance or	
	complete shielding.	
	• Install guard rails around edges and holes to floors.	
	Move workers to a new room away from	
	hazardous noise.	

	• Install safety screens in customer service areas to			
	reduce risk of aggressive behaviours.			
	• Use phone or online communications rather than			
	face to face for high risk individuals.			
	• Provide quiet rooms for staff to have respite from			
	noisy or busy work spaces.			
	• Maintain physical distancing in line with current			
	state/territory requirements (COVID).			
	Hire sufficient vehicles to ensure physical			
	distancing during field trip (COVID).			
Engineeri	Use ventilation system.			
ng Control	• Use fume cupboard when working with hazardous			
	chemicals.			
	• Install guarding around rotating and crushing			
	parts.			
	• Use trolley or hoist to lift heavy loads.			
	• Use duress alarm system while doing home			
	interview or offsite field work.			
	• Access to hand sanitizer/wash (COVID).	Less Effective		
Administr	• Use Safe Work Procedures [See section 3.1.3.1] or			
ative	instructions.	Effective		
Control	• Induction and WHS information.			
	• Training [See Handbook Chapter 3.2].			
	Contingency Planning and Testing [See section			
	3.1.3.2].			
	• Permit to Work system [See section 3.1.3.3].			
	• Implement regular debriefing for staff working in			
	high risk areas for customer aggression or			
	exposure (direct or indirect) to traumatic events.			
	• Promote available support resources such as EAP			
	and Advisers to Staff regularly in team meetings			
	and events.			
	• Signage.			
	QR Check-in system (COVID).			
Personal	• Lab coat.			
Protective	• Safety glasses/face shield.			
Equipmen	Gloves/cryogenic gloves.			
t (PPE)	Respirators/Masks (e.g. P2/N95 for COVID	\checkmark		
	protection).	Least Effective		
	Personal hearing protectors.	Least Litetive		

Table 5. Risk Assessment and SWP review timeframe

Residual Risk	Review Frequency		What to do during the review.
Extreme	6 monthly	And/or After an incident where deficiencies in identifying or controlling hazards have been observed	Stop work. Review the control measures and introduce additional control measures to reduce the residual risk to Medium as a maximum
High	Annually	When changes to the activity need to occur When significant changes (e.g. renovation) to the workplace need to occur	Stop work. Review the control measures and introduce additional control measures to reduce the residual risk to Medium as a maximum.
Medium	Two yearly	When HSRs request a review	Review the control measures.
Low	Three yearly		Review the control measures.

Use this Table to determine risk assessment and safe work procedure review timeframe and frequency and put in the front of the risk assessment.