

## **Property Services On-Site Health and Safety Plan**

#### **Contents**

Site Register and Contact Details	2
Project Details	3
Hazard Management	4
Accident and Emergency Management	6
Hazard Management Site Register	8
Contractor Site Induction Confirmation	12
Appendix A, Suspected Asbestos Material or Products at University of Auckland Campuses	13
Appendix B, University of Auckland Accident/Incident Report Form	14
Appendix C, Identified Hazards	17
Appendix D, University of Auckland, Application for Isolation, Scope and Restricted Work Permits	

**Note:** This plan must be kept on site and be accessible to contractors and visitors. A copy must be sent to the University Health and Wellness Manager.



### **Site Register and Contact Details**

**Note:** Indicate if a person needs supervising for any specific tasks.

Role	Name	Contact #	Inducted /Signature	Certificates/Licence s Held	Training Required
		Universit	ty Personnel		
University Project Manager					
Maintenance Manager					
Faculty Manager					
Electrical / gas / trades					
Laboratory Manager					
	Consultants,	Contractors,	Subcontractors and Sup	pliers	
Contractor Representative					



### **Project Details**

Project N	Name and Date
Project n	number
Site deta	nils  Building number:
	Room number/s:
Works u	ndertaken
	Brief project description:

#### Site safety plan availability

This Site Health & Safety Plan shall be kept in the project file (responsibility of the University Project Manager). A copy must be available to all employees, subcontractors, the principal and the site controller at any time.

#### Accidents / injuries / near misses

Date	# of accidents/incidents	Forms completed?



#### **Hazard Management**

#### Introduction

Hazards must be identified for each site, and controls must be communicated to all employees / subcontractors / volunteers.

#### **Hazard management process**

The table below describes the hazard management process.

Stage	Description
1.	Where appropriate contractors and subcontractors advise the University Project Manager of potential hazards associated with the contracted work and the controls, prior to visiting the site.
2.	University Project Manager views known hazards shown on the University Hazard Floor plans. This assists in identifying hazards in adjacent areas
	Notes:
	•Hazards are identified by viewing the Hazard Register (see page 8) for the site and by initial site inspection.
	•For some projects it is appropriate for the Project Manager and the contractor to go through the Site Hazard Register together to delete hazards that are not applicable and adding any additional ones
3.	University Project Manager, or delegated authority, inducts employees, contractors / subcontractors onto the site. The University informs these persons of any hazards they may encounter on the site and the hazard controls.
4.	If new hazards are added to the list while work is in progress, the Site Health & Safety Plan will be redistributed or prominently displayed to all affected employees / contractors / subcontractors.

#### **Hazard assessment**

For ease of use in the field, the following simplified hazard assessment table should be used.

Is the hazard?	Slightly Harmful	Harmful	Very Harmful
Highly Unlikely	Trivial Risk (Low)	Tolerable Risk (Low)	Moderate Risk (Med)
Unlikely	Tolerable Risk (Med)	Moderate Risk (Med)	Substantial Risk (High)
Likely	Moderate Risk (Med)	Substantial Risk (High)	Intolerable Risk (Work must stop)

#### Key

Low: No action required

Med: Low priority to control

High: High priority to control

Intolerable: Work must stop until the hazard has been eliminated, isolated or

minimised, and on-site personnel informed



### **Hazard Management, Continued**

#### **Safety Equipment**

The University notes that the following safety equipment is required:

Safety Equipment required	When/where required
High visibility vest	
Hard hats	
Safety boots	
Protective gloves	
Ear muffs	

#### **Isolation and Hotwork**

Please complete the following:

Item	Yes	No
<ol> <li>Is a Hotwork Permit required for this work? If so, send a filled out Isolation, Scope and Restricted Works form to UoA Project Manager who will pass onto Facilities Management (FM) for final sign off. No hotwork can start until FM ha formally issued a permit.</li> </ol>	ive	
Do you need to notify WorkSafe of any hazardous work?		
, ,		
Note: Notification form is included with this Site Safety Plan		
3. Do you need to isolate any building fire detection or protection systems?		
•If <b>YES</b> , what systems?		
•Which rooms / areas?		
•Time, date and duration of isolation?		
•Has Property Services been informed?		
4. Do you need to interrupt any other building service (gas, power, data, securit etc.)?	У	
●If <b>YES</b> , what systems?		
•Which rooms / areas?		
•Time, date and duration of isolation?		
•Has Property Services been informed?		



#### **Accident and Emergency Management**

#### Introduction

Site Safety is the joint responsibility of the University Project Manager, the Site Manager, and the Contractors and Subcontractors. Generally, the University Project Manager or a delegated authority will induct personnel onto the site and inform them of emergency procedures and hazard controls specific to the site. Onsite management of accidents and emergencies must follow established University policy and procedures.

#### **Accident management**

The following policies apply:

- All accidents will be recorded, reported and assessed according to University OSH Policy and Procedures.
- The Site Manager shall be notified of all accidents or "near miss" incidents that occur on site.
- Serious harm accidents must be reported to the Site Manager, who will report as soon as possible to:
  - The Main Contractor in the event of an accident involving an employee of a Contractor. The Contractor is responsible for reporting the accident to a Department of Labour Health and Safety Office within 24 hours.
  - The University Project Manager in the event of an accident involving University personnel or subcontractors. The University Project Manager will then report the accident to the University HR Health and Wellness Manager, who reports the accident to a WorkSafe Office within 24 hours.
- A copy of any accident reports and records must be kept with the University job file, in addition to the normal University accident reporting procedure.
- The investigation of an accident may result in the identification of a hazard, or amendments to control measures. In this case, the Site Health & Safety Plan must be updated and re-distributed.
- A first aid kit and cell phone shall be available at all times.

#### Supervision and training

The following policies apply:

- Inexperienced employees or subcontractors shall be supervised until deemed able to work independently.
- All employees and subcontractors shall attend any induction or site-specific health and safety training considered necessary by the University Project Manager or the Site Manager.
- Employees and subcontractors working on the site must be listed below and must sign that they have read and understood this Site Health and Safety Plan and carried out any other training necessary.
- Specific hazards may require special training (as identified in Hazard Management, see page 4.



### **Accident and Emergency Management, Continued**

#### **Emergency information**

Please note the following:

Item	Site specific informant
First aiders	
Nearest fire exit	
Alternative exit	
Building assembly point	
Nearest fire alarm point	
Nearest emergency security call point	
First aid kit location	
Closest medical centre	
University Counselling and Medical Centre	

#### **Contractor emergency plans**

Plans must be made available for potential emergencies that are directly related to the work contractors do on site.

Potential emergency	Controls	Plan
Fire		
Chemical spill		



### **Hazard Management Site Register**

Hazard	Relevant ✓/ ×	Risk	Controls
		Respiratory disease	If planned work, approved plan is required.
Asbestos			• If unplanned, work ceases on that material until material has been tested and results are received.
			See Emergency Procedures, Asbestos and Asbestos Removal and Management SOP
		Neurotoxicity	Correct storage (See Safety Data Sheets (SDS)).
Chemicals and vapours, fumes and		Toxicity	Correct PPE.
dust			Adequate ventilation.
			Advise University Project Manager of tasks that create excessive fumes / vapours / dust.
Confined space		Suffocation,	Trained staff.
Commeu space		inhalation of fumes	Approved plan.
		Falls, falling	Remain clear of power lines and underground cables (min distance of 4m).
Cranes and diggers		objects, crushing	• As-built plans to be consulted prior to trenching or demolition work so utilities can be isolated or shut off.
Disconnection of			Liaise with University Project Manager and Facilities Maintenance
Services			Minimum of 5 days' notice required
			See Contractors Health and Safety Induction booklet
		Electrocution,	<ul> <li>Leads and appliances in good condition and comply with AS/NZS 3760:2001.</li> </ul>
		burns, fire	Isolating transformers or residual current devices to be used with all portable electrical appliances.
Electrical appliances			Double insulation to be used when conditions are damp.
			Registered electrician to check all electrical circuitry to the site.
			Leads to be taped or secured out of the way.
Excavations			Main Contractor safe work practices
LACAVACIONS		Liaise with University Project Manager and Facilities Management	



	Relevant	Risk	Controls
Hazard	√/ <b>*</b>		
Gas		Suffocation, inhalation of fumes, fire, explosion	<ul> <li>Main contractor safe work practices</li> <li>Liaise with University Project Manager / Facilities Management</li> </ul>
Isolation of utilities and services		Falls, health issues (if no water or ventilation) Damage to machinery, or projects	<ul> <li>Cease work and switch off all machinery</li> <li>Evacuate the building within 25 minutes</li> <li>Notify Unisafe (966) giving details of the cause and scope of the problem if known.</li> <li>Notify the University Project Manager, and the Energy Manager and if working in a laboratory, the Laboratory Manager.</li> </ul>
Heights			See Working at Heights Safe Work Practice
Hotwork / welding		Fire	See Hotwork Safe Work Practice.
Ladders, cranes, scaffolds etc.			See University Contractor Health and Safety induction booklet
Machinery maintenance		Crushing	Machines are stopped and isolated (locked out) prior to cleaning, repair or maintenance.
Noise		Hearing loss, disruption to classes, exams	<ul><li>Wear hearing protection (e.g. ear muffs)</li><li>Schedule noisy work for low occupancy times.</li></ul>
Paint removal and application		Lead poisoning, neurotoxicity	<ul> <li>Suspected lead-based paint is tested prior to removal, and if positive, remove in accordance with DOL guidelines</li> <li>Isocyanate paints are only applied when premises are unoccupied, with time to dry and cure. Area to be well ventilated.</li> </ul>
Power-actuated hand held fastening tools		Lacerations	<ul> <li>Certificate of competency required.</li> <li>Use in compliance with training.</li> <li>All personnel in vicinity to wear correct PPE (eye and hearing protection).</li> </ul>
Public footpaths blocked		Traffic accidents	• Footpaths kept structurally sound or alternative safe walkway to be established, barriered off and signposted.



	Relevant	Risk	Controls
Hazard  Traffic issues	√/ x	Traffic congestion and accidents	<ul> <li>Approved traffic plan in place.</li> <li>Signage.</li> <li>Barriers</li> <li>High-vis jackets to be worn at all times.</li> </ul>
Unauthorised access to the site Holes and trenches Risk of falling objects from a height		Injury from crushing, falling objects	<ul> <li>Barriers and fencing around site.</li> <li>Screens and /or projecting platforms.</li> <li>Clear signage.</li> <li>(Cones and tape are not suitable where there is a significant risk).</li> </ul>
Uneven or blocked access ways		Trips, slips and falls	<ul> <li>Access ways are kept clear.</li> <li>Ramps or other means are used to assist users when access way is uneven or has obstacles.</li> <li>Adequate lighting required.</li> <li>Fire exits must be kept clear at all times.</li> </ul>
Vehicles		Crushing, lacerations	<ul> <li>Speed limit is 10kph.</li> <li>Delivery vehicles to have functioning beepers for reversing.</li> <li>Use an assistant when reversing, where vision is obstructed.</li> <li>Delivery and parking areas for site work to be fenced off.</li> <li>Weight of vehicle not to exceed any weight restrictions on work site.</li> </ul>
Waste materials		Trips, slips, falls, disease, adverse physical reactions	<ul> <li>Use bins and cover.</li> <li>Remove rubbish often.</li> <li>Hazardous materials to be removed and disposed of offsite using a recognised waste chemical removal contractor.</li> </ul>



Hazard	Relevant ✓/ *	Risk	Controls
Working alone			<ul> <li>No working alone in specified hazardous areas (See Contractor Health and Safety Induction Booklet)</li> <li>Check in with Security (09 373 7599, ext. 85000)</li> <li>Give expected start and stop times</li> <li>Check in when work complete</li> </ul>
Working in animal research laboratories		Immunological allergic response	<ul> <li>Liaise with University Project Manager and Laboratory Manager and document a risk plan</li> <li>Follow risk management and hygiene procedures</li> <li>Contractors / subcontractors with allergies to animals are not permitted to work in animal laboratories.</li> <li>Do not enter the laboratory if you are suffering from vomiting or diarrhoea.</li> </ul>
Working in Microbiological / Virology laboratories		Contamination and resulting ill health that could be fatal	<ul> <li>Liaise with University Project Manager and Laboratory Manager and document a risk plan</li> <li>Follow risk plan and hygiene procedures</li> <li>Do not enter the laboratory if you are suffering from vomiting or diarrhoea.</li> </ul>
Working in laboratories that contain x-ray equipment or radiation sources		Harmful exposure to x-ray and radiation sources	<ul> <li>Liaise with University Project Manager and Laboratory Manager and document a risk plan</li> <li>Follow risk plan and hygiene procedures</li> <li>Do not enter the laboratory if you are suffering from vomiting or diarrhoea.</li> </ul>
List other site specific hazards			•
			•
			•
			•



#### **Contractor Site Induction Confirmation**

Descriptio	on of Project		
_	0		
Confirmat	ion of Site Induction		
	This is to confirm that Representative) from		(Contractor's
			(Company name)
	has completed the University of	Auckland's Minor Works Health a	and Safety Site Induction
	on (	Date) and has understood the in	formation.
	The Company representative sha control are informed of the same contract without being so inform	e and that no person shall be per	
			(Signature)
	Please check each induction item	n to indicate that you received in	formation and understood it.

#### **Site Induction**

Ite	em	Ø	×
1.	You and all subcontractors/employees under your control have been advised of the hazards specific to the site and know what you must do to comply with the hazard controls.		
2.	You and all subcontractors/employees under your control have the correct personal protective equipment for the job you are doing.		
3.	You and all subcontractors/employees under your control understand the emergency procedures for the site.		
4.	You and all subcontractors/employees under your control have the correct licenses, certificates, or have had training for the job you are doing. (Please put N/A if this is not applicable to you).		
5.	You and all subcontractors/employees under your control have attended a Site Safe (or similar) course.		
6.	You and all subcontractors/employees under your control have advised the UoA Project Manager of potential hazards or emergencies related to your work and have procedures to manage these.		
7.	You and all subcontractors/employees under your control have attended the annual UoA Contractors Health and Safety Induction Session		
8.	Is a hotworks permit or services isolation required for this project?		
9.	You understand that you are responsible for your own safety and the safety of other subcontractors/employees under your control. (E.g. If you bring anyone on-site, ensure they are inducted onto the site)		

#### **Comments**

**Note:** Use the **Comments** area to note potential hazards / emergencies / isolations as appropriate, and to comment on supplier / contractor health and safety performance.



## Appendix A, Suspected Asbestos Material or Products at University of Auckland Campuses

#### **Asbestos Report Form**

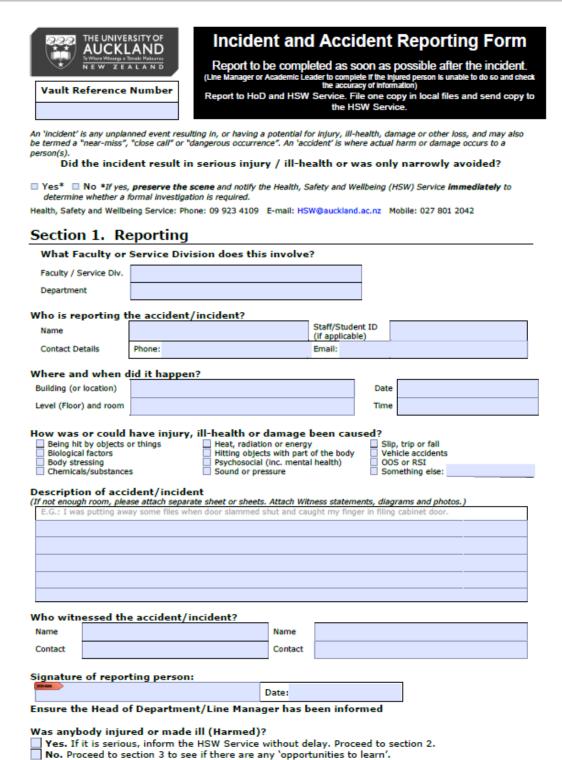
Use this form to record any actual or suspected asbestos or asbestos-containing material (ACM) encountered while working on University premises, that you have not been notified of.

Complete the form and forward it as soon as possible to your University contact.

Details of Suspected	Material	
Location/s		
Condition of materia (e.g. degraded)	I	



## Appendix B, University of Auckland Accident/Incident Report Form



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# Appendix B, University of Auckland Accident/Incident Report Form, Continued

Section 2.	Harm (if app	olicable)				
Injured person				_		
Name			Date of	Birth		
Contact Details	Phone:		Email:			
Residential						
address						
Role or job title	of injured perso	on:				
☐ Staff	Student	Other	Staff/Student ID No.			
Gender:	Signature:	ON EX			Date:	
1st week		1-6 months	f applicable)  6 months - 1 ye	ear 🗌 1-5	years [	Over 5 years
Started work at	ior to injury: (if am / pm	Incident occu	irred at am	/ pm H	ours on shift	hours
Treatment of in	First-aid	☐ Doctor/Eme	rgency Dept. (not hos	_	☐ Hospit	alised (admitted)
Location			Doctor	(if known))		
☐ Human factors (ubehaviours) ☐ Chemical or chem ☐ Machinery or (ma ☐ Powered equipme appliances	nical products sinly) fixed plant ent, tools or  or damage (Spe s	Animal, hur (biological age   Environmer   Material or   Non-power   Non-power   Environmen   Non-power   Non-powe	ntal (e.g. heat, cold) substance ed hand tool or equipr  Body par Head Arms/ha Systemi  Side of B	Bacteri Exp Mohament Others Inds Lc (internal organication)	ile plant or treer	ust, gas, noise, etc.)
Other						
Description of I (As much detail as po						
	dle finger on left hand					
Do you accept this I, the undersigned of my knowledge	HSW Service Injury as as a work related by declare that the do and belief, and I un ry Claims Manager:	injury?	s 🗆 No ve been completed	accurately, t	tatement is	d fully to the best
	ste in the Health, Safety and ment printed this document		ent system.		Versio Issue	on: 2 date: 17 November 2017
Contin	ued on next n	ane				



## Appendix B, University of Auckland Accident/Incident Report Form, Continued

#### Section 3. Investigation

To be carried out by local line manager for accidents/incidents that are not notifiable. Note: The Health and Safety Representative can assist where necessary and it is good practice to do so.

For **Notifiable Events**, a formal investigation must be carried out in accordance with Worksafe NZ's instructions by the HSW Service.

What were the root causes of the accident/incident? Consider the following factors:  People:  Equipment:  Environment:  Procedures:  Organisation:  What can be done to prevent it happening again?  What needs to be done now?  Who should do it? By when?  Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Manager  Date: Signature:	Analysis of what happened							
Equipment:  Environment:  Procedures:  Organisation:  What can be done to prevent it happening again?  What needs to be done now?  Who should do it?  By when?  Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Manager  Department  Date: Signature:	What were the root causes of the	What were the root causes of the accident/incident? Consider the following factors:						
Environment:  Procedures:  Organisation:  What can be done to prevent it happening again?  What needs to be done now?  Who should do it?  By when?  When?  Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Manager  Department  Date: Signature:	People:							
Procedures:  Organisation:  What can be done to prevent it happening again?  What needs to be done now?  Who should do it?  By when?  Who should do it? Signature:  Incident/Accident investigated by:  Date: Signature:	Equipment:							
What can be done to prevent it happening again?  What needs to be done now?  Who should do it?  By when?  Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Manager  Department Date: Signature:	Environment:							
What can be done to prevent it happening again?  What needs to be done now?  Who should do it? By when?  Who should do it? Signature:  Head of Dept. / Line Department Date: Signature:	Procedures:							
What needs to be done now?  Who should do it? By when?  Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Date: Signature:	Organisation:							
What needs to be done now?  Who should do it? By when?  Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Date: Signature:								
What needs to be done now?  Who should do it? By when?  Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Date: Signature:	What can be done to preve	nt it happening ag	ain?					
Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Manager  Date: Signature:	_							
Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Manager  Date: Signature:								
Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Manager  Date: Signature:								
Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Manager  Date: Signature:								
Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Manager  Date: Signature:								
Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Manager  Date: Signature:								
Incident/Accident investigated by:  Date: Signature:  Head of Dept. / Line Department Manager  Date: Signature:	What needs to be done now	v?		Who should do it?				
Head of Dept. / Line Department Date: Signature:								
Head of Dept. / Line Department Date: Signature:								
Head of Dept. / Line Department Date: Signature:								
Head of Dept. / Line Department Date: Signature:								
Head of Dept. / Line Department Date: Signature:								
Head of Dept. / Line Department Date: Signature:	Incident/Accident investigated by: Date: Signature:							
Manager	TO AN							
Manager			•					
		Department	Date:	Signature:				
				SD: EAL				

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## **Appendix C, Identified Hazards**

Asbestos		Working at Heights		Obstructed access ways	
Chemicals		Ladders		Isolation of fire detection systems	
Vapours, Fumes, Dust		Scaffolds		Vehicle Traffic / Pedestrian Hazards	
Confined Space Entry		Cranes		Disconnection of services:	
Electrical		Mobile Platforms		<ul> <li>Lifts</li> </ul>	
Gas Safety		Fall Restraint Systems		<ul> <li>Power</li> </ul>	
Hotwork, welding		Excavations		<ul> <li>Gas</li> </ul>	
Machinery lockouts		Excessive Noise		<ul> <li>Water</li> </ul>	
Public safety hazards will be created					
Hotwork					
Have you been issued v Property Services?	vith a	' <u>hotwork</u> permit' by	YES	S / NO	
If "No" you must obtain	one p	rior to conducting such w	ork.		
Isolation of Fire Detec	tion	Protection Systems			
Do you need to isolate any building fire detection or protection systems?			YES	S / NO	
If yes, what system?					
Which rooms/areas?					
Duration of isolation:					
Has Property Services a been informed?	at the				
Emergency Information	n				
Nearest fire exit is:					
Alternative exit is:					
Building assembly point	is:				
Nearest fire alarm point	is:				
Nearest emergency sec	curity				
First aid kit location:					
Closest medical centre:					
	ou ch				



## Appendix D, University of Auckland, Application for Isolation, Scope and Restricted Work Permits



## APPLICATION FOR ISOLATION, SCOPE AND RESTRICTED WORK PERMITS

Please tick:  REQUESTFOR FM TO	D SCOPE AN ISC	DLATION				
ISOLATION APPLICA	TION					
RESTRICTE D WORK	PERMIT APPLIC	ATION				
CONDITIONS:						
This form should be completed procedure. This form is designed to be type  WORK ORDER APPLICATION NUI	ped and emailed		d standard operatinį	g		
(Facility Administration Office Only)						
Section A UoA Project	ŗ	hone number				
Manager	Ι.	none namber				
Project Number	Date of Applica	ation				
Anticipated Start Dates Please note that applications received less than 5 working days away could be declined and a new start day may be suggested.	Start Da	te Time	Finish Date	Time		
Job description including intended		used:				
(required to ensure the correct services are scoped)  Method Statement: (required section, please attach any additional information that may assist the speed of application process, e.g. floor plans)						
				1 of 3		
Continued on payt page						



# Appendix D, University of Auckland, Application for Isolation, Scope and Restricted Work Permits, Continued

Service to be isolated (if known, otherwi (e.g. HVAC / electrical / domestic water / chilled -conde		y / fire/ other )					
if 'other', please specific:							
Equipment to be isolated (if known, oth	erwise FM can advise)						
University building							
number							
(one application per building please)							
Level(s)							
Room Number(s)							
RESTRICTED WORK DETAILS							
Does your project involve restricted	\/F0 □						
	work as described in the SOP? YES NO  Type of Restricted work (Ensure site specific safety plan is provided.)						
Hot work / Asbestos / Explosives / Height / Confined		11					
Type of equipment to be used							
		_					
Does the restricted work require notification to Work Place NZ?	YES	NO L					
Anticipated Dates required for	Start Date/Time	Finish Date/Time					
Restricted Work							
Is the restricted work weather dependant?	YES	NO 🗌					
(Permits dates can be changed accordingly) Section B							
Contractor contact Name	Contact	t Number					
details							
Departmental Department con approval received	ntact name Contact	Number					
for period requested							
		2 of 3					



# Appendix D, University of Auckland, Application for Isolation, Scope and Restricted Work Permits, Continued

Section C	(For Completion by Building Se	
Isolation scope reviewed by	Name of person that has scoped the isolatio	n contact number
Date of isolation scope		
review.		Y N
Application Approved		i N
Hot Work Permit Required		HH
Approval pending : More inform	nation needed see helow	HH
FM Feedback:	iddion needed See Below	
If an Isolation is required, it sha	all be: Continuous	Reinstated daily
Train toolation to required, it one		Tromotatoe dany
Section D (For Comp	letion by Facilities Maintenance Admi	n) Y N
Contractor Booked		
Work Order(s) Raised and thei	r numbers:	H H
Hot Work Permit issued and its		HH
Purchase Order Raised (Numb		