



UNIVERSITY *of*  
TASMANIA

## Maintainable Asset Forms

---

Commercial Services and Development

Revision 1.0

This document has been produced for use and reference by all persons and parties involved with undertaking built environment works for the University of Tasmania (e.g. Contractors, Consultants, Project Managers, Facilities Managers, Works / Maintenance Officers).

All effort has been made to simplify or streamline the instructions within this manual. Feedback on its content and assets covered is appreciated and should be directed to Infrastructure Planning and Compliance or provided to the University staff managing the works being undertaken.

#### Document change log

<b>Version</b>	<b>Date</b>	<b>Revision</b>
1.0	09/05/2016	Supersedes Maintainable Assets – Description Hierarchy

# Contents

Introduction .....	1
Asset Forms .....	2
General Instructions .....	2
Asset Relocation / Storage / Inactive Form .....	4
Asset Demolition / Disposal Form (External Use Only).....	5
Asset Type Nomination Form.....	6
Building Asset Forms.....	1
Civil Asset Forms.....	19
Communications Asset Forms .....	26
Electrical Asset Forms.....	27
Fire Asset Forms .....	49
Hydraulic Asset Forms .....	69
Gas Asset Forms.....	115
Mechanical Asset Forms .....	130
Security Asset Forms .....	214
Vertical Transportation Asset Forms .....	219
Research Asset Forms.....	226

## Introduction

Record of physical infrastructure is important for numerous reasons including legal ones such as the requirement for Form 56 Annual Maintenance Statements, regulatory body requirements and contractually binding commitments.

The legally required maintenance for a building is often stipulated by the Form 46 Schedule of Prescribed Features and Measures issued by a Building Surveyor. In addition to this other acts and regulatory body requirements may apply such as gas and electricity codes. These forms are aimed at ensuring sufficient information and data is provided for meeting these legal requirements and also satisfying University's policies, frameworks, guidelines and procedures for its facilities and asset management incorporating the built environment.

The University of Tasmania has a reasonable history and many records. The quality of work performed and its record will be viewed, reviewed and used by many University staff and other parties such as Architects, Engineers, Builders, Plumbers, Electricians and HVAC Technicians. Accordingly past work and its record are a factor in future work.

## Asset Forms

### General Instructions

This section details what to put in asset non-specific data fields on the asset data forms.

### Project No. / WR No.

Every issued item of work will have a project number or work request number (WR). Ask the University staff organising the works for this number if you do not know it.

### Site / Building / Room

Location codes are to be used for the identification of University space. These can easily be found on any provided plans or from UTAS SISfm Enquiry at the below website:

<https://sisfm.admin.utas.edu.au/SISfm-Enquiry/utas/>

Names can be provided however space is limited on the asset data forms making the use of the Universities location codes easier. The University staff organising the works can provide the location codes upon request or explain how to find them in UTAS SISfm Enquiry. Most small works or projects should contain them as part of the works request or project documentation from the University or its consultants.

### Identifier

The identifier is what you, the installer use as an identifier for that asset. The asset must be physically labelled with the same identifier and it must also be present on any as-installed material referencing the asset such as drawings, schematics, head end graphics, and building handbook.

### ARV Cost

This is the known or approximate Asset Replacement Value cost consisting of the supply and installation cost of the asset.

### OH&S Notes

These are to provide warning or information useful to persons required to work on the asset so they can pre-prepare as best as possible prior to assessing and commencing the work. Examples are;

- Ladder required for access
- EWP required for access
- Noise protection required
- Harness required
- Manhole in far corner of room
- Physical containment area (PC1, PC2, etc.)
- Quarantined containment area (QC1, QC2, etc.)
- Located in confined space

### Warranty End Date

This date when the manufacturer's warranty will expire starting from the warranty commencement date. For lifetime warranties enter 99/99/9999. For items with more than one warranty period enter the longest one noting the shorter one and its coverage in the warranty coverage notes.

### Warranty Coverage

The warranty coverage are notes that refers to what the warranty covers or applies for. Generally, use the manufacturer's brief wording.

### Asset Life

This is the estimated duration in years of when asset will need replacing either due to total failure or reaching a point of no longer being economic to maintain. A default value for the type of asset is provided in brackets however this should be varied depending on the installation, e.g. corrosive environment, exposed to the weather, AC unit subjected to short cycling.

### University Use Fields

For reference only, University use fields are explained below

Class = Asset Class = eq\_class

Group = Asset Category/Group = eq\_group

Cat = Asset Group/Type = eq\_type

Cat Type = Category Type = category\_id

BC (default value) = Budget Centre = dp\_id

Cond. = Condition rating, default excellent for new assets = condition

Crit.. = Criticality rating, default provided for asset type = criticality

FMC = Asset FM Contract Category = eq\_fmcat

Asset No. = Asset number to be completed when generated

## Asset Relocation / Storage / Inactive Form

Project No. / WR No.		Date of Change	/ /
Asset Number		Contractor	
Identifier		Relocation	Yes / No
New Site		Storage	Yes / No
New Building		Inactive	Yes / No
New Room			
General Notes			

**Notes:**

If no change in Site, Building or Room then leave as blank.

**Relocation** means an asset that has been taken out of service and put back into service in another location.

**Storage** means an asset that has been taken out of service and stored.

**Inactive** means a decommissioned asset that has remained in its service location but is no longer in service. E.g. A ceiling mounted heater disconnected.

## Asset Demolition / Disposal Form (External Use Only)

Project No. / WR No.		Date of Disposal	/ /
Asset Number		Contractor	
Identifier		Disposal Method	Waste / Scrap / Possession
General Notes			

**Notes:**

For external use only (non-University Staff) when an asset is being disposed of by a contractor for the University.

**Waste** means sent to landfill

**Scrap** means salvaged, recycled or melted down

**Possession** means asset has been retained by contractor

## Asset Type Nomination Form

Generally, the University has created its asset database in-line with legislated Form 46 and other Worksafe maintenance requirements.

Accordingly some assets of reasonable value (over \$5,000) may not be captured with the forms in this manual or would be better classified with an asset type of their own for direct assignment of maintenance schedules/programs. If this is the case please fill out the below for the University's consideration.

Definition:

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			

Sub assets:

Components:

Attributes:

## Building Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Building Façade .....	2
External Windows .....	3
Window Louvre - External .....	4
Gutters & Downpipes .....	5
Metal Roof Decking .....	6
Membrane Roof Coatings .....	7
Fall Arrest Device – Anchor Points .....	8
Fall Arrest Device – Static Line .....	9
Fall Arrest Device – Ladder Anchor .....	10
Safety Access Walkway .....	11
Floor Finishes.....	12
Ceilings.....	13
Internal Walls .....	14
Stairwell.....	15
Balconies.....	16
Balustrades and Barriers.....	17

## Building Façade

The façade of a building including, cladding and, parapet.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

### Attributes:

Asset Life (60)	
Fire Rated*	Yes / No

\*If has fired rated elements or parts

### University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / EW								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## External Windows

The external windows of a building, excluding glazed louvres

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

### Attributes:

Asset Life (60)	
Fire Rated*	Yes / No

\*If has fired rated elements or parts

### University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / WW								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

### Window Louvre - External

A louvered window, manual or electrically controlled.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Warranty End Date	/ /
Installer		Room	
Warranty Coverage			
OH&S Notes			
General Notes			

Attributes:

Asset Life (60)	
Fire Rated*	Yes / No

\*If has fired rated elements or parts

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / WW								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Gutters & Downpipes

Guttering and downpipes, ending at the ground. Includes flashings.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Warranty End Date	/ /
Installer			
Warranty Coverage			
OH&S Notes			
General Notes			

Attributes:

Asset Life (20)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Metal Roof Decking

Metal roofing.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				

Attributes:

Asset Life (45)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / RF								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Membrane Roof Coatings

All membrane types of roof coatings or sealing.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				

Attributes:

Asset Life (20)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / RF								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Fall Arrest Device – Anchor Points

**Definition:**

Fall arrest device, anchor point type. One asset per building. Quantity to be provided in notes.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes	Quantity?		

\*Room first anchor point is above, below or outside of.

**Attributes:**

Asset Life (10)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		BUILDING / BFAB / BUILDING FABRIC / -							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	SAFESTAT	Asset No.	

## Fall Arrest Device – Static Line

Definition:

Fall arrest device, Static Line type

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room*	Serial No.			
Installer	Warranty End Date		/	/
Warranty Coverage				
OH&S Notes				
General Notes				

\*Room it is above, below or outside of.

Attributes:

Asset Life (10)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type		BUILDING / BFAB / BUILDING FABRIC / -							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	SAFESTAT	Asset No.	

## Fall Arrest Device – Ladder Anchor

Definition:

Fall arrest device, ladder anchor

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			

\*Room it is above, below or outside of.

Component:

	Quantity
Access Strop	

Attributes:

Asset Life (10)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / -								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	SAFESTAT	Asset No.	

## Safety Access Walkway

**Definition:**

Walkway located generally on roofs for safer paths of travel to equipment. One asset per building.  
Quantity to be provided in notes.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes	Length:			

\*Room first walkway part is above, below or outside of.

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		BUILDING / BFAB / BUILDING FABRIC / -							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	SAFESTAT	Asset No.	

## Floor Finishes

Floor coverings and finishes.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				

Attributes:

Asset Life (15)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / FF								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Ceilings

Plaster, acoustic, tiled, timber. All false or suspended ceilings.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Installer	
Warranty Coverage			
OH&S Notes			
General Notes			

### Attributes:

Asset Life (30)	
Fire Rated*	Yes / No

\*If has fired rated elements or parts

### University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / CF								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Internal Walls

All internal walls and their finishes.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Installer	
Warranty Coverage			
OH&S Notes			
General Notes			

### Attributes:

Asset Life (50)	
Fire Rated*	Yes / No

\*If has fired rated elements or parts

### University Use:

Class / Group / Cat / Cat Type		BUILDING / BFAB / BUILDING FABRIC / CF							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Stairwell

Stairwell.

One asset per stairwell.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer		Room		
Warranty Coverage				
OH&S Notes				
General Notes				

### Attributes:

Asset Life (50)	
Fire Isolated	Yes / No

### University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / SC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Balconies

Balconies.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Installer	
Warranty Coverage			
OH&S Notes			
General Notes			

Attributes:

Asset Life (50)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Balustrades and Barriers

Balustrades and barriers as required by the NCC.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer		Room		
Warranty Coverage				
OH&S Notes				
General Notes				

Attributes:

Asset Life (50)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / BUILDING FABRIC / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Structural Elements

The structural elements of the building. Columns, beams, trusses, loadbearing walls, foundations etc.

One asset per building.

If undertaking significant works for an existing buildings asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				

Attributes:

Asset Life (60)	
Fire Rated*	Yes / No

\*If has fired rated elements or parts

University Use:

Class / Group / Cat / Cat Type	BUILDING / BFAB / STRUCTURE / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Civil Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Boom Gate - Electric .....	20
Bollard - Electric .....	21
Parking Meter .....	22
Diesel Tank .....	23
Petrol Tank .....	24
LPG Tank .....	25

## Boom Gate - Electric

An electronically controlled vehicle barrier

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				

Attributes:

Asset Life (15)	
-----------------	--

Class / Group / Cat / Cat Type			BUILDING / BUILD / CIVIL INFRASTRUCTURE / -						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

### Bollard - Electric

An electronically controlled vehicular barrier bollard

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			

Attributes:

Asset Life (15)	
-----------------	--

Class / Group / Cat / Cat Type			BUILDING / BUILD / CIVIL INFRASTRUCTURE / -						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Parking Meter

Parking meters, voucher machines, etc.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				

Attributes:

Asset Life (15)	
-----------------	--

Class / Group / Cat / Cat Type			BUILDING / BUILD / CIVIL INFRASTRUCTURE / -						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Diesel Tank

**Definition:**

Above or below ground diesel tank

Project No. / WR No.		Install Date	/ /
Identifier		ARV ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Installer		Serial No	
		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			

**Attributes:**

Capacity (L)	
Asset Life (20)	

Class / Group / Cat / Cat Type				BUILDING / BUILD / CIVIL INFRASTRUCTURE / -						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.		

## Petrol Tank

**Definition:**

Above or below ground petrol tank

Project No. / WR No.			Install Date	/	/
Identifier			ARV Cost (ex GST)		
Site			Manufacturer		
Building			Model		
Installer			Serial No		
			Warranty End Date	/	/
Warranty Coverage					
OH&S Notes					
General Notes					

**Attributes:**

Capacity (L)	
Asset Life (20)	

Class / Group / Cat / Cat Type			BUILDING / BUILD / CIVIL INFRASTRUCTURE / -						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## LPG Tank

Definition:  
An above ground LPG tank.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Installer		Serial No	
		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			

Attributes:

Capacity (L)	
Asset Life (20)	

Class / Group / Cat / Cat Type				BUILDING / BUILD / CIVIL INFRASTRUCTURE / -					
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Communications Asset Forms

Comprising of telecommunications, data, fibre optic and copper reticulation, audio visual systems.

Refer to University of Tasmania ITS requirements website below for further details.

<http://www.utas.edu.au/it/communication-technologies/standards>

## Electrical Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

High Voltage Reticulation.....	28
Power Pole.....	29
Transformer – Pole Mounted .....	30
Substation - Kiosk .....	31
Substation – Pad Mount.....	32
Substation – In Building .....	33
Generator - Diesel.....	34
Generator - Solar .....	35
Generator – Solar-inverter .....	36
UPS System.....	37
Switchboard – In Substation .....	38
Switchboard - Main .....	39
Switchboard - Distribution .....	40
Power Factor Correction Unit.....	41
Lightning Protection System .....	42
Surge Protection Unit.....	43
General Power Reticulation .....	44
General Lighting Reticulation.....	45
Emergency Lighting & Fire Exit Signs.....	46
Automatic Door Control Assembly .....	47
Automatic External Defibrillator.....	48

## High Voltage Reticulation



**Definition:**

Cable network used to reticulate High Voltage around a site. One asset per site.

If undertaking significant works for an existing site asset provide value of works on asset form otherwise an asset form for the existing site is not required.

Project No. / WR No.		Install Date		/	/
Identifier			ARV Cost (ex GST)		
Site			Installer		
OH&S Notes					
General Notes					
Form Filled Out By					

**Attributes:**

Asset Life (50)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type			PLANT & EQUIP / ELECEQ / HIGH VOLTAGE SYSTEM / -						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	N/A	Asset No.	

Power Pole



**Definition:**  
A vertical pole supporting suspended power or communications cables

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Height (m)		Material	Steel/Wood/Concrete
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ HIGH VOLTAGE SYSTEMS / -						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECHV	Asset No.

Transformer – Pole Mounted



Definition:  
A high voltage power transformer mounted on a power pole

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Model		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Rating (kVA)		Voltage (kV)	
Asset Life (30)			

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ HIGH VOLTAGE SYSTEMS / -							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECHV	Asset No.	

Substation - Kiosk



**Definition:**  
A substation that is installed in a purpose built enclosure that is not a prefabricated part of the substation.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Installer		Warranty End Date*	/ /
Warranty Coverage*			
OH&S Notes			
General Notes			
Form Filled Out By			

\*As applies to components.

**Components:**

	Make/Model	Quantity
Transformer		
Switchgear		

**Attributes:**

Rating (kVA)		Voltage (kV)	
Asset Life (30)		SF6 Gas (kg)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ HIGH VOLTAGE SYSTEMS / -							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECHV	Asset No.	

Substation – Pad Mount



Definition:  
A prefabricated all in one substation.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Model		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Components:

	Make/Model	Quantity
Transformer		
Switchgear		

Attributes:

Rating (kVA)		Voltage (kV)	
Asset Life (30)		SF6 Gas (kg)	

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ HIGH VOLTAGE SYSTEMS / -							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECHV	Asset No.	

## Substation – In Building

**Definition:**

A substation that is fully enclosed in a room that is part of a building.

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room	Serial No.			
Installer	Warranty End Date*		/	/
Warranty Coverage*				
OH&S Notes				
General Notes				
Form Filled Out By				

\*As applies to components

**Components:**

	Make/Model	Quantity
Transformer		
Switchgear		

**Attributes:**

Rating (kVA)		Voltage (kV)	
Asset Life (30)		SF6 Gas (kg)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ HIGH VOLTAGE SYSTEMS / -							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECHV	Asset No.	

## Generator - Diesel



**Definition:**  
Electricity generator powered by diesel and used for emergency power supply.

Project No. / WR No.		Install Date		/	/
Identifier			ARV Cost (ex GST)		
Site			Manufacturer		
Building*			Model		
Room	NONE		Serial No.		
Installer			Warranty End Date	/	/
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

\*Building it is connected to

Connected to Asset:

	Identifier
Switchboard - Distribution	
Switchboard - Main	
Switchboard - Mechanical	

Attributes:

Standby Rating (kVA)		Tank Capacity (L)	
Asset Life (20)			

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ GENERATORS / -							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECPREV	Asset No.	

Generator - Solar



Definition:  
Photovoltaic (PV) electricity generation system. One asset per inverter string.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST and RECS)	
Site		Manufacturer	
Building		Model	
Room*		Serial No. (start and end)	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes	Number of Panels?		
Form Filled Out By			

\*The room that it is above, below or outside of

Connected to Asset (one of the below):

	Identifier
Generator – Solar-inverter	

Attributes:

Generation Capacity (kW)		Asset Life (25)	
--------------------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ GENERATORS / -							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	ELECPREV	Asset No.	

Generator – Solar-inverter



Definition:  
Inverter of a Photovoltaic (PV) electricity generation system.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes	Single or Three Phase?		
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Connected to Asset:

	Identifier
Switchboard – Main / Distribution	

Attributes:

Rating (kW)		Asset Life (20)	
-------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ GENERATORS / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	ELECPREV	Asset No.	

## UPS System



**Definition:**  
Uninterruptible power supply. Typically battery or mass based electrical energy storage.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Connected to Asset:

	Identifier
Switchboard – Distribution / Main / Mechanical	

Attributes:

Storage Capacity (kVA)		Asset Life (10)	
------------------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ GENERATORS / -							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECPREV	Asset No.	

## Switchboard – In Substation

**Definition:**

Low voltage switchboard contained within a substation that can only be accessed from within it, i.e. High Voltage area.

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be University designated

**Within Substation:**

	Identifier
Substation - Kiosk	
Substation In-Building	

**Attributes:**

Fault Rating (kVA)		Asset Life (35)	
--------------------	--	-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECPREV	Asset No.	

Switchboard - Main



Definition:

Fed by the Distribution Service Network Provider (TasNetworks), or, first point of supply for a building, or, first switchboard NOT accessed from within the HV side of a University substation.

Project No. / WR No.		Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room**		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\* Identifier to be University designated

\*\*If not within a room then use the room that it is above, below or outside of

Fed from Asset:

	Identifier
Substation – Kiosk / In-Building / Pad Mount; or	
Switchboard – In Substation / Main	

Components:

	Quantity
RCDs	

Attributes:

Fault Rating (kVA)		Asset Life (35)	
--------------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECSTAT	Asset No.	

### Switchboard - Distribution



**Definition:**

Any switchboard that is not a SWITCHBOARD - MAIN, or SWITCHBOARD – MECHANICAL, or SWITCHBOARD – IN SUBSTATION

Project No. / WR No.		Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Identifier to be University designated

\*\*If not within a room then use the room that it is above, below or outside of

**Fed from Asset:**

	Identifier
Switchboard – Main / Distribution / Mechanical	

**Components:**

	Quantity
RCDs	

**Attributes:**

Fault Rating (kVA)		Asset Life (35)	
--------------------	--	-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECSTAT	Asset No.	

Power Factor Correction Unit



**Definition:**  
Device installed primarily for power factor correction.

Project No. / WR No.		Install Date		/	/
Identifier	ARV Cost (ex GST)				
Site	Manufacturer				
Building	Model				
Room	Serial No.				
Installer	Warranty End Date		/	/	
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

Connected to Asset:

Identifier	
Switchboard – Main / Distribution / Mechanical	

Attributes:

Rating (kVA)		Asset Life (25)	
--------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	ELECPREV	Asset No.	

## Lightning Protection System

**Definition:**

Typically a series of conductors and associated earthing to reduce risk from lightning strike on a building

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

**Attributes:**

Asset Life (50)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECPREV	Asset No.	

## Surge Protection Unit

**Definition:**

Large surge protection device (with or without filter) generally installed in switchboards to divert surges and protect electrical distribution assets. If part of a lightning protection system then include as sub-asset.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Connected to Asset:**

	Identifier
Switchboard – Main / Distribution / Mechanical	

**Attributes:**

Asset Life (25)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECPREV	Asset No.	

## General Power Reticulation

**Definition:**

General electricity reticulation including wiring points, power outlets, etc, one per building.

If undertaking significant works for an existing building asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)*		
Site		Warranty End Date	/	/
Building		Installer		
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Estimated total cost of general power installation.

**Attributes:**

Asset Life (30)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -									
BC (775)		Cond.	EXCL	Crit.	C3	FMC	ELECPREV	Asset No.		

## General Lighting Reticulation

**Definition:**

General lighting reticulation, one per building.

If undertaking significant works for an existing building asset provide value of works on asset form otherwise an asset form for the existing building is not required.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)*	
Site		Building	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Estimated total cost of lighting installation

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -									
BC (775)		Cond.	EXCL	Crit.	C3	FMC	ELECPREV	Asset No.		

## Emergency Lighting & Fire Exit Signs



**Definition:**  
Exit and emergency lighting for a building.

One asset per building. Provide completed asset form for all works for the University to amend its asset information.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Warranty End Date	/	/
Building				
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

**Components:**

	Make/Model	Quantity
Exit Fittings*		
EML Fittings*		
Test Switches		

\*One per make/model type, EML fittings to include light fittings with emergency packs.

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	ELECSTAT	Asset No.	

### Automatic Door Control Assembly



**Definition:**

Actuators and control system for the automatic or assisted opening of a door.

Project No. / WR No.		Install Date		/	/
Identifier	ARV Cost (ex GST)				
Site	Manufacturer				
Building	Model				
Room	Serial No.				
Installer	Warranty End Date		/	/	
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

**Attributes:**

Fire Mode	Open/Close/Lock	Asset Life (10)	
-----------	-----------------	-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / ELECEQ/ LOW VOLTAGE SYSTEMS / -							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	ELECPREV	Asset No.	

## Automatic External Defibrillator

**Definition:**

A defibrillator mounted within an enclosure that is alarmed on the security system.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (10)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / MISCEQ / SAFETY PROTECTION / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	DEFIBSTAT	Asset No.	

## Fire Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Fire Indicator Panel .....	50
Fire Indicator Panel - Sub .....	51
Fire Alarm Reticulation .....	52
Fire Alarm VESDA .....	53
Early Warning Information Systems (EWIS) .....	54
Fire Sprinkler Reticulation System .....	55
Fire Sprinkler Valve Box.....	56
Fire Sprinkler Booster Assembly.....	57
Fire Pump - Electric.....	58
Fire Pump - Diesel .....	59
Gas Suppression System.....	60
Fire Blankets .....	61
Fire Extinguishers .....	62
Fire Hose Reel .....	63
Fire Hydrant .....	64
Fire Hydrant Booster Assembly .....	65
Fire Damper - Intumescent .....	66
Fire Damper – Fusible Link.....	67
Fire Door .....	68

Fire Indicator Panel



Definition:  
Fire Indicator Panel (FIP), reports alarms to a monitoring system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then the room it is outside of

Attributes:

Number of Zones		Asset Life (15)	
-----------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE DETECTION EQUIPMENT / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATA	Asset No.	

Fire Indicator Panel - Sub



Definition:  
Reports to a Fire Indicator Panel, AKA Sub Indicator Panel (SIP)

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Connected to Asset:

	Identifier
Fire Indicator Panel	

Attributes:

Number of Zones		Asset Life (15)	
-----------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE DETECTION EQUIPMENT / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATATA	Asset No.	

## Fire Alarm Reticulation

**Definition:**

System of detector heads, sounders, bells, MCPs that connect to an FIP or SIP.

One asset per building. Provide completed asset form for all works for the University to amend its asset information.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Building	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Connected to Asset:**

	Identifier
Fire Indicator Panel / Sub	

**Components:**

	Make/Model	Quantity
Smoke Detector		
Thermal Detector		
Break Glass Alarm		
Bell		
Sounder		
Door Release		

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE DETECTION EQUIPMENT / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATATA	Asset No.	

Fire Alarm VESDA



Definition:  
Very Early Smoke Detection Apparatus. The detector unit.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Connected to Asset:

	Identifier
Fire Indicator Panel / Sub	

Attributes:

Total length of sampling conduits (m)		Asset Life (15)	
---------------------------------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE DETECTION EQUIPMENT / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATATA	Asset No.	

## Early Warning Information Systems (EWIS)

**Definition:**

Early warning information system. Intercom system used for evacuation generally located next to or within a Fire Indicator Panel.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

**Components:**

	Make/Model	Quantity
Speakers		
WIP Phones		

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE DETECTION EQUIPMENT / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATA	Asset No.	

## Fire Sprinkler Reticulation System

Definition:  
System of fire sprinkler heads and pipework.

One asset per building system. Provide completed asset form for all works for the University to amend its asset information.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building			
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Connected Asset:

	Identifier
Fire Sprinkler Valve Box	

Components:

	Make/Model	Quantity
Pendant Heads		
Wall Wetting Heads		
High Temperature Heads		
Recessed Heads		

Attributes:

Asset Life (30)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATB	Asset No.	

### Fire Sprinkler Valve Box



Definition:  
Sprinkler valve control box

Project No. / WR No.		Install Date		/	/
Identifier			ARV Cost (ex GST)		
Site			Manufacturer		
Building			Model		
Room			Serial No.		
Installer			Warranty End Date	/	/
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

Attributes:

Asset Life (30)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type			PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATB	Asset No.	

## Fire Sprinkler Booster Assembly

Definition:  
Booster for fire sprinklers

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Or room it is located outside of

Attributes:

Asset Life (30)	
-----------------	--

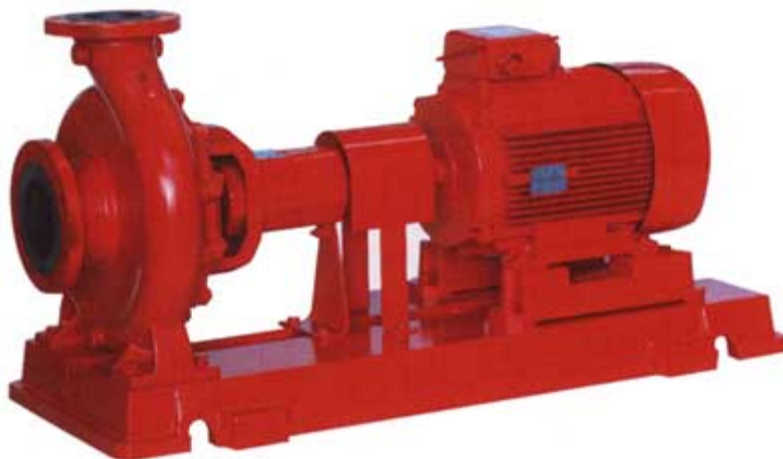
Connected Asset:

	Identifier
Fire Sprinkler Valve Box	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATB	Asset No.	

### Fire Pump - Electric



Definition:  
Electric booster pump for fire fighting

Project No. / WR No.		Install Date		/	/
Identifier			ARV Cost (ex GST)		
Site			Manufacturer		
Building			Model		
Room			Serial No.		
Installer			Warranty End Date	/	/
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

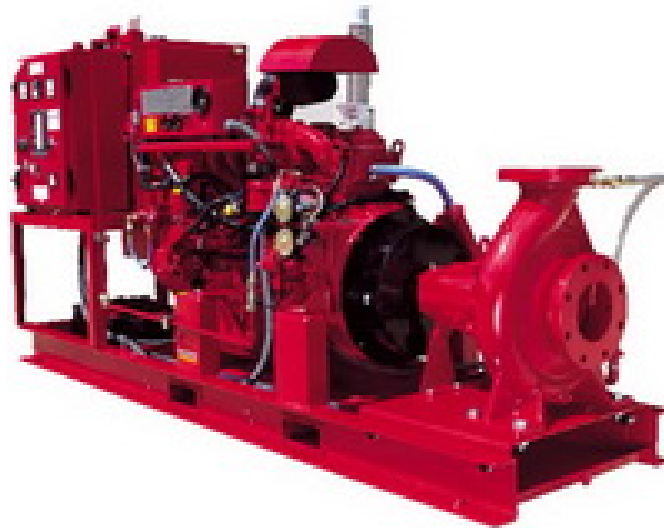
Attributes:

Capacity (L/s)		Power (kW)	
Asset Life (15)			

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATB	Asset No.	

Fire Pump - Diesel



Definition:  
Diesel booster pump for fire fighting

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Fuel Tank Capacity (L)		Capacity (L/s)	
Power (kW)		Asset Life (30)	

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATB	Asset No.	

## Gas Suppression System

Definition:  
Gaseous fire suppression system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

System Capacity (kg)		Suppression Agent	
Asset Life (30)			

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATB	Asset No.	

## Fire Blankets

**Definition:**

All Fire Blankets for the building.

One asset per building. Provide completed asset form for all works for the University to amend its asset information.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Building	
Installer			
OH&S Notes			
General Notes			
Form Filled Out By			

**Components:**

	Make/Model	Quantity
Fire Blankets (one per type & size)		

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATC	Asset No.	

## Fire Extinguishers

**Definition:**

All Fire Extinguishers for the building

One asset per building. Provide completed asset form for all works for the University to amend its asset information.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Installer				
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

**Components:**

	Make/Model	Quantity
Fire Extinguisher (one per type & size)		

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATC	Asset No.	

## Fire Hose Reel

Definition:  
Fire Hose Reel (FHR)

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Warranty End Date	/ /
Room		Installer	
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Asset Life (30)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATC	Asset No.	

## Fire Hydrant

**Definition:**

Hydrant that is used for firefighting, can be attack or feed.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Warranty End Date	/	/
Room		Installer		
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

**Connected to Asset:**

	Identifier
Fire Hydrant Booster Assembly	

**Attributes:**

Asset Life (30)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATC	Asset No.	

## Fire Hydrant Booster Assembly



Definition:  
Booster for attack hydrants

Project No. / WR No.		Install Date	/	/
Identifier			ARV Cost (ex GST)	
Site			Manufacturer	
Building			Warranty End Date	/
Room			Installer	
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

Attributes:

Asset Life (30)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATC	Asset No.	

## Fire Damper - Intumescent



**Definition:**

Intumescent fire damper within ductwork, openings, or surrounding pipework

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

### Fire Damper – Fusible Link



**Definition:**  
Fusible link fire damper within ductwork or openings

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Fire Door

**Definition:**

Fire rated door used to maintain fire separation

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (30)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / FIREEQ/ FIRE SUPPRESSION EQUIP / FP							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	FIRESTATC	Asset No.	

## Hydraulic Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Pump – DHW Circulating .....	71
Pump – DCW Supply .....	72
Pump – Sewer.....	73
Sewer Drainage System .....	74
Sewer – Septic Tank .....	75
Sewer – Reed Bed .....	76
Sewer – Pump Station .....	77
Stormwater Drainage System .....	78
Stormwater – First Flush .....	79
Grease Trap .....	80
Grease Pit .....	81
Neutralising Tank .....	82
Neutralising Pit .....	83
Sediment Trap.....	84
Gross Pollutant Trap .....	85
Backflow Prevention Device - Testable .....	86
Boiling / Chilled Water Unit .....	87
Drinking Fountain .....	88
Safety Shower.....	89
Safety Eye Wash.....	90
Safety Shower and Eye Wash .....	91
Harvested Water System .....	92
Irrigation Water System.....	93
Mains Water System .....	94
Water Treatment System - Chemical.....	95
Sewer Treatment System - Chemical .....	96
Recycled Water System.....	97
Thermostatic Mixing Valve .....	98
Tempering Valve .....	99
Hot Water Cylinder Electric.....	100
Hot Water Cylinder Gas .....	101
Hot Water Instantaneous Gas.....	102
Hot Water Instantaneous Electric .....	103
Hot Water Cylinder Heat Pump.....	104
Hot Water Heat Pump .....	105
Hot Water Storage Cylinder .....	106
Hot Water Exchanger Cylinder .....	107
Hot Water Solar Collector Evacuated Tube.....	108
Hot Water Solar Collector Flat Plate .....	109
Water Filter - Backwash.....	110
Water Filter - Cartridge.....	111

Water Filter – Ultraviolet Light.....	112
Water Filter – Reverse Osmosis .....	113
Water Filter – Tank.....	114

Pump – DHW Circulating



Definition:  
A pump used for the circulation of domestic hot water

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Duty Pressure (kPa)		Duty Flow (l/s)	
Asset Life (15)			

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

Pump – DCW Supply



**Definition:**  
A pump used for the supply of domestic cold water. Potable and non-potable.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Duty Pressure (kPa)		Duty Flow (l/s)	
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	N/A	Asset No.	

## Pump – Sewer

**Definition:**

A pump used for the pumping of sewerage including trade waste.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Duty Pressure (kPa)		Duty Flow (l/s)	
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HYDRSTAT	Asset No.	

## Sewer Drainage System

**Definition:**

Overall sewerage system for a building or site. One asset per site. One asset per building.

If undertaking significant works for an existing building's or site's asset provide value of works on asset form otherwise an asset form for the existing building or site is not required.

Project No. / WR No.		Install Date	/ /
Site		ARV Cost (ex GST)*	
Building		Installer	
OH&S Notes			
General Notes			
Form Filled Out By			

\*estimated value is sufficient exact cost not required (though can be provided)

**Attributes:**

Capacity (Loading Units)	
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Sewer – Septic Tank

**Definition:**

A tank used for the collection and breakdown of waste water before further disposal

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Volume (L)	
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD									
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRSTAT	Asset No.		

## Sewer – Reed Bed

**Definition:**

A reed bed used for further breakdown and filtering of wastewater

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Installer	
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Volume (L)	
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD									
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRSTAT	Asset No.		

## Sewer – Pump Station

**Definition:**

A pit containing a submersible pump for the pumping of sewerage

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Volume (L)	
Duty Pressure (kPa)	
Duty Flow (l/s)	
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HYDRSTAT	Asset No.

## Stormwater Drainage System

**Definition:**

Overall stormwater system for a building or site. One asset per site. One asset per building.

If undertaking significant works for an existing building's or site's asset provide value of works on asset form otherwise an asset form for the existing building or site is not required.

Project No. / WR No.		Install Date	/ /
Site		ARV Cost (ex GST)*	
Building		Installer	
OH&S Notes			
General Notes			
Form Filled Out By			

\*estimated value is sufficient exact cost not required (though can be provided)

**Attributes**

Capacity (m2)	
Asset Life (50)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ / DRAINAGE SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Stormwater – First Flush

**Definition:**

Device for diverting the first flow or ‘flush’ of stormwater into a debris collection then stormwater rather directly into a rain water harvesting system.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRPREV	Asset No.	

## Grease Trap

**Definition:**

Above ground or under bench trap for reducing the grease and solids of sewerage.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Capacity (L)	
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	TRWASTAT	Asset No.	

## Grease Pit

**Definition:**

Below ground trap for reducing the grease and solids content of sewerage.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Capacity (L)	
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	TRWASTAT	Asset No.	

## Neutralising Tank

**Definition:**

Above ground or below bench tank for the reducing the acidity of sewerage.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Capacity (L)	
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	TRWASTAT	Asset No.	

## Neutralising Pit

**Definition:**

Below ground pit for the reducing the acidity of sewerage.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Capacity (L)	
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	TRWASTAT	Asset No.	

## Sediment Trap

**Definition:**

Above ground or below bench trap for the reducing of sludge or sediment in sewerage.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Capacity (L)	
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	TRWASTAT	Asset No.	

## Gross Pollutant Trap

Definition:  
Below ground stormwater filtration device

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Capacity (L)	
Asset Life (20)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ DRAINAGE SYSTEMS / PD								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRPREV	Asset No.	

## Backflow Prevention Device - Testable

## Definition:

A testable device requiring periodic maintenance used for the prevention of water flow back into a mains system

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

## Attributes:

Size (diameter mm)	
Backflow Device Type	RBT / RAG / PVB / SPVB / RPZD / DCV / RPDA / DCDA / SCTV SCDAT
Asset Life (20)	

## Backflow Device Type Acronyms:

RBT, Registered Break Tank  
 RAG, Registered Air Gap  
 PVB, Pressure-type Vacuum-Breaker  
 SPVB, Spill resistant Pressure-type Vacuum-Breaker  
 RPZD, Reduced Pressure Zone Device  
 DCV, Double Check Valve (not dual)  
 RPDA, Reduce Pressure Detector Assembly  
 DCDC, Double Check Detector Assembly  
 SCVT, Single Check Valve Testable  
 SCDAT, Single Check Detector Assembly Testable

## University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRSTAT	Asset No.	

## Boiling / Chilled Water Unit

**Definition:**

Under or above bench unit that supplies hot, cold or both, potable water

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRPREV	Asset No.	

## Drinking Fountain

**Definition:**

Internal or external drinking fountain / bottle filling station

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Safety Shower

Definition:  
A deluge shower

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Asset Life (20)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / MISCEQ / SAFETY PROTECTION / -								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRSTAT	Asset No.	

## Safety Eye Wash

**Definition:**

An eyewash station or fixture

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / MISCEQ / SAFETY PROTECTION / -								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRSTAT	Asset No.	

## Safety Shower and Eye Wash

**Definition:**

A combined safety deluge shower and eyewash station or fixture

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / MISCEQ / SAFETY PROTECTION / -								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRSTAT	Asset No.	

## Harvested Water System

**Definition:**

System consisting of tank and automatic controls for the collection of rainwater for re-use

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

**Attributes:**

Asset Life (20)	
Volume (L)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Irrigation Water System

**Definition:**

System of pipework, sprinklers, sprayers, soakers, valves and controllers for the irrigation of landscaping and grounds.

One asset per site.

If undertaking significant works for an existing site asset provide value of works on asset form otherwise an asset form for the existing site is not required.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / -								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	N/A	Asset No.	

## Mains Water System

**Definition:**

Domestic cold and fire mains system connected to TasWater or the sites infrastructure

One asset per site. One asset per building.

If undertaking significant works for an existing site/building asset provide value of works on asset form otherwise an asset form for the existing site/building is not required.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Installer	
Building		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (50)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	N/A	Asset No.	

## Water Treatment System - Chemical

**Definition:**

A system that chemically treats water to make it potable, typically chlorine based.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Chemical	Chlorine / Brine
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HYDRSTAT	Asset No.	

## Sewer Treatment System - Chemical

**Definition:**

A system that chemically treats trade waste water, typically to lower its pH with automatic sampling and control.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / DRAINAGE SYSTEM / -							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	TRWASTAT	Asset No.	

## Recycled Water System

**Definition:**

A system consisting of tank and controls that generates grey or black water.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRSTAT	Asset No.	

### Thermostatic Mixing Valve



**Definition:**  
Valve that mixes hot and cold water to supply a set temperature

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HYDRSTAT	Asset No.	

## Tempering Valve



**Definition:**  
Valve that mixes hot and cold water to supply an approximate temperature

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRPREV	Asset No.	

### Hot Water Cylinder Electric



Definition:  
Electric element domestic hot water cylinder

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Components:

	No.	Size (kW)
Element		

Attributes:

Asset Life (10)		Capacity (kW)*	
Volume (L)		Cylinder Type	Stainless / Copper / Vitreous Enamel

\*Total capacity, e.g. if 3 x 4.8kW elements then capacity is 14.4kW.

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRSTAT	Asset No.	

### Hot Water Cylinder Gas



Definition:  
Gas fired domestic hot water cylinder

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Asset Life (10)	
Volume (L)	
Capacity (kW)	
Gas Type	LPG / Natural
Cylinder Type	Stainless / Copper / Vitreous Enamel

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / WATER SUPPLY SYSTEMS / WS						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRSTAT	Asset No.

## Hot Water Instantaneous Gas



**Definition:**  
Instant gas fired domestic hot water cylinder

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Asset Life (10)	
Capacity (kW)	
Gas Type	LPG / Natural

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / WATER SUPPLY SYSTEMS / WS						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRSTAT	Asset No.

Hot Water Instantaneous Electric



Definition:  
Instant electric domestic hot water cylinder

Project No. / WR No.		Install Date		/	/
Identifier	ARV Cost (ex GST)				
Site	Manufacturer				
Building	Model				
Room*	Serial No				
Installer	Warranty End Date		/	/	
Warranty Coverage					
OH&S Notes					
General Notes	Single / Three Phase				
Form Filled Out By					

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Asset Life (10)	
Capacity (kW)	

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / WATER SUPPLY SYSTEMS / WS							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRSTAT	Asset No.	

### Hot Water Cylinder Heat Pump



Definition:  
Heat pump hot water cylinder

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Asset Life (10)	
Volume (L)	
Capacity (kW)	
Refrigerant	R
Refrigerant Charge (kg)	
Cylinder Type	Stainless / Copper / Vitreous Enamel

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / WATER SUPPLY SYSTEMS / WS							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRSTAT	Asset No.	

Hot Water Heat Pump



Definition:  
Heat pump hot water unit that doesn't have storage

Project No. / WR No.		Install Date		/	/
Identifier			ARV Cost (ex GST)		
Site			Manufacturer		
Building			Model		
Room*			Serial No		
Installer			Warranty End Date	/	/
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Asset Life (10)	
Capacity (kW)	
Refrigerant	R
Refrigerant Charge (kg)	

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / WATER SUPPLY SYSTEMS / WS							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRPREV	Asset No.	

## Hot Water Storage Cylinder



**Definition:**  
Storage vessel for domestic hot water, no heating elements

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room*	Serial No		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Asset Life (10)	
Volume (L)	
Cylinder Type	Stainless / Copper / Vitreous Enamel

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRSTAT	Asset No.

## Hot Water Exchanger Cylinder



**Definition:**  
Storage vessel for domestic hot water with internal coil or heat exchanger

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room*	Serial No		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Asset Life (10)	
Volume (L)	
Cylinder Type	Stainless / Copper / Vitreous Enamel

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRSTAT	Asset No.

### Hot Water Solar Collector Evacuated Tube



**Definition:**  
Evacuated tube collector 'panel' for domestic hot water system

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room*	Serial No			
Installer	Warranty End Date		/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Asset Life (25)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRPREV	Asset No.	

Hot Water Solar Collector Flat Plate



Definition:  
Flat panel or plate type collector system for domestic hot water system

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Asset Life (15)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRPREV	Asset No.	

Water Filter - Backwash



Definition:  
Backwashing water filter

Project No. / WR No.		Install Date	/	/
Identifier			ARV Cost (ex GST)	
Site			Manufacturer	
Building			Model	
Room*			Serial No	
Installer			Warranty End Date	/ /
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not in a room, then the room it is above, below or outside of.

Attributes:

Asset Life (10)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS						
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRPREV	Asset No.

## Water Filter - Cartridge



**Definition:**  
Cartridge based water filter, in-line or other types

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not in a room, then the room it is above, below or outside of.

**Component:**

	Quantity	Make	Model
Filter – Water Cartridge			

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HYDRPREV	Asset No.	

## Water Filter – Ultraviolet Light



Definition:  
Ultraviolet light water filter/treatment

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not in a room, then the room it is above, below or outside of.

Component:

	Quantity	Make	Model
Filter – Water UV Lamp			

Attributes:

Asset Life (20)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRPREV	Asset No.	

## Water Filter – Reverse Osmosis

**Definition:**

Reverse Osmosis filtration unit for potable water (not research). Large fixed unit, not portable.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRPREV	Asset No.	

## Water Filter – Tank

**Definition:**

Large water filtration tank. Typically pass through filtration similar to cartridge only larger and often carbon filtration.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Filter Medium	Carbon / Sand
Asset Life (20)	

**University Use:**

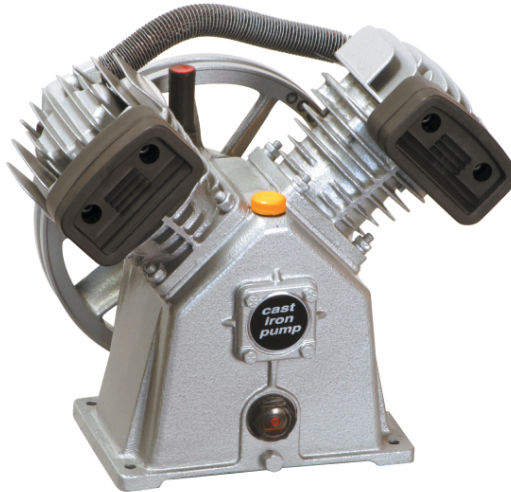
Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ/ WATER SUPPLY SYSTEMS / WS								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HYDRPREV	Asset No.	

## Gas Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Compressor Air .....	116
Compressed Air Unit .....	117
Nitrogen Generator .....	118
Pressure Vessel – Gas .....	119
Air Receiver .....	120
Gas Dryer – Desiccant .....	121
Gas Dryer – Cooler .....	122
Vacuum Pump .....	123
Gas Alarm Panel .....	124
Gas Distribution System .....	125
Gas Regulator .....	126
Gas Filter .....	127
Gas Electronic Safety Control .....	128
Gas Meter .....	129

## Compressor Air



**Definition:**  
An air compressor, without integral storage pressure vessel

Project No. / WR No.		Install Date	/	/
Identifier			ARV Cost (ex GST)	
Site			Manufacturer	
Building			Model	
Room*			Serial No	
Installer			Warranty End Date	/ /
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASPREV	Asset No.	

## Compressed Air Unit



**Definition:**  
An air compressor, with integral storage pressure vessel

Project No. / WR No.		Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room**		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Identifier to be the UTAS supplied Hazardous plant registration ID.  
\*\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Working Pressure (kPa)	
Volume (L)	
Asset Life (15)	

Hazardous Plant Registration Number:

**IF HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HAZPSTAT	Asset No.	

## Nitrogen Generator



**Definition:**

A device for producing nitrogen from air

Project No. / WR No.		Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room**		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

\*\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASPREV	Asset No.	

Pressure Vessel – Gas



**Definition:**  
 Storage vessel for gas under high pressure that is not integral to gas producing equipment.  
 Pressure vessels for air to be recorded as Air Receiver

Project No. / WR No.		Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room**		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Identifier to be the UTAS supplied Hazardous plant registration ID.  
 \*\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Working Pressure (kPa)		Gas Type	
Volume (L)		Asset Life (15)	

Hazardous Plant Registration Number:

**IF HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HAZPSTAT	Asset No.

## Air Receiver



**Definition:**  
Storage vessel for compressed air under high pressure.

Project No. / WR No.		Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room**		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

\*\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Working Pressure (kPa)	
Volume (L)	
Asset Life (15)	

Hazardous Plant Registration Number:

**IF HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HAZPSTAT	Asset No.	

### Gas Dryer – Desiccant



**Definition:**  
A desiccant type dryer for a gas

Project No. / WR No.		Install Date		/	/
Identifier	ARV Cost (ex GST)				
Site	Manufacturer				
Building	Model				
Room*	Serial No				
Installer	Warranty End Date		/	/	
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type			PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASPREV	Asset No.	

## Gas Dryer – Cooler



**Definition:**

A gas cooler for drying of the gas, typically refrigeration based cooling system

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room*	Serial No		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out Bt			

\*If not in a room, then the room it is above, below or outside of.

**Attributes:**

Asset Life (15)	
Refrigerant	R
Refrigerant Charge (kg)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASPREV	Asset No.	

## Vacuum Pump



Definition:  
Suction or vacuum pump

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not in a room, then the room it is above, below or outside of.

Attributes:

Asset Life (15)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	GASPREV	Asset No.	

## Gas Alarm Panel

**Definition:**

An alarm panel for the indication of low or no flow of gas.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / RESCHEQ / RETICULATED GASES / GS								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	N/A	Asset No.	

## Gas Distribution System

**Definition:**

Gas distribution system from TasGas supply or site infrastructure.

One asset per site infrastructure. One asset per building.

If undertaking significant works for an existing buildings or sites asset provide value of works on asset form otherwise an asset form for the existing site or building is not required.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Installer		
Building		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				

**Attributes:**

Asset Life (30)	
Gas Type	LPG / Natural

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / RETICULATED GASES / GS							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASSTAT	Asset No.	

## Gas Regulator



**Definition:**

A distribution regulator for gas pressure. Not, appliance/equipment regulator.

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room*	Serial No		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not in a room, then the room it is above, below or outside of.

**Gas Distribution System Connected to:**

Identifier	
------------	--

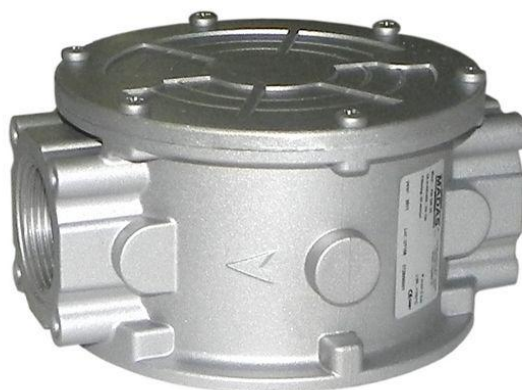
**Attributes:**

Asset Life (15)	
Gas Type	LPG / Natural

**University Use**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / RETICULATED GASES / GS							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASSTAT	Asset No.	

### Gas Filter



**Definition:**

A standalone filter for gas, typically only on natural gas installation.

Project No. / WR No.		Install Date		/	/
Identifier	ARV Cost (ex GST)				
Site	Manufacturer				
Building	Model				
Room*	Serial No				
Installer	Warranty End Date		/	/	
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

\*If not in a room, then the room it is above, below or outside of.

**Gas Distribution System Connected to:**

Identifier	
------------	--

**Attributes:**

Asset Life (15)	
Gas Type	LPG / Natural

**University Use**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / RETICULATED GASES / GS							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASPREV	Asset No.	

## Gas Electronic Safety Control



**Definition:**  
An electronic control system for the shutdown of gas supply.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			

\*Use the location of the pressure proving or push button

**Components:**

	Location(s)*
Solenoid Valve(s)	
Fire Panel Signal	
Push Button(s)	
Pressure Proving	
Gas Detector	

\*Location to be given as the site, building and room (or room that it is outside, above, or below of).

**Gas Distribution System Connected to:**

Identifier	
------------	--

**Attributes:**

Asset Life (15)	
Gas Type	LPG / Natural

**University Use**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HYDREQ / RETICULATED GASES / GS						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASSTAT	Asset No.

## Gas Meter

Definition:

Meter for natural gas or lpg requiring maintenance to ensure flow of gas

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not in a room, then the room it is above, below or outside of.

Gas Distribution System Connected to:

Identifier	
------------	--

Attributes:

Asset Life (15)	
Gas Type	LPG / Natural

University Use

Class / Group / Cat / Cat Type	PLANT & EQUIP / HYDREQ / RETICULATED GASES / GS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	GASPREV	Asset No.	

## Mechanical Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Air Conditioner – Single Split .....	132
Air Conditioner – Multi-Split.....	133
Air Conditioner – Variable Refrigerant .....	134
Indoor Unit – High Wall .....	135
Indoor Unit – Ducted .....	136
Indoor Unit – Floor .....	137
Indoor Unit – Recessed Cassette .....	138
Indoor Unit – Under Ceiling.....	139
Duct Coil - DX .....	140
Filter Assembly.....	141
Air Handling Unit .....	142
Header Tank .....	143
Automatic Refill Unit.....	144
Dosing Pot or Point .....	145
Expansion Tank .....	146
Air Conditioner - Packaged Unit.....	147
Air Conditioner - Packed Terminal Unit.....	148
Air Curtain .....	149
Air Fan - Return.....	150
Air Fan - Supply .....	151
Air Fan - Fresh .....	152
Air Fan – Exhaust – Car Park .....	153
Air Fan – Exhaust – General.....	154
Air Fan – Exhaust – Kitchen .....	155
Air Fan – Exhaust – Fume .....	156
Air Fan – Exhaust – Chemical .....	157
Air Fan – Stairwell Pressurisation .....	158
Air Fan – Exhaust – Smoke Spill .....	159
Boiler – Electric .....	160
Boiler – Gas Fired .....	161
Boiler – Oil Fired .....	162
Calorifer.....	163
Chiller – Air Cooled .....	164
Chiller – Water Cooled.....	165
Heat Pump – Air Source .....	166
Heat Pump – Water Source .....	167
Heat Pump Chiller – Water Cooled.....	168
Heat Pump Chiller – Air Cooled .....	169
Circulating Pump.....	170
Condenser Pump .....	171
Dedicated Circulating Pump.....	172

Cooling Tower .....	173
Hydronic Building Reticulation .....	174
Evaporative Air Cooler .....	175
Dry Cooler .....	176
Extraction System - Dust.....	177
Fan Coil Unit – High Wall.....	178
Fan Coil Unit – Ducted.....	179
Fan Coil Unit – Floor .....	180
Fan Coil Unit – Recessed Cassette .....	181
Fan Coil Unit – Under Ceiling.....	182
Duct Coil - Hydronic .....	183
Data Centre Floor Mount DX Unit.....	184
Data Centre Condenser .....	185
Duct Heater - Electric .....	186
Duct Heater - Gas .....	187
Heat Exchanger – Shell & Tube.....	188
Heat Exchanger – Plate .....	189
Heat Recovery – Plate .....	190
Heat Recovery – Wheel .....	191
Heat Recovery – Unit .....	192
Heater - Hydronic.....	193
Heater – Hydronic Floor Coil.....	194
Heater - Electric .....	195
Heater – Electric Floor Coil .....	196
Heater - Gas.....	197
Heater – Forced Air.....	198
Humidifier .....	199
Hydronic Storage Vessel.....	200
Switchboard - Mechanical .....	201
Variable Speed Drive .....	202
VAV Unit.....	203
Fire Damper - HVAC .....	204
Smoke Damper - HVAC.....	205
Constant Temperature Room .....	206
Cool Room .....	207
Freezer Room .....	208
Condenser.....	209
Evaporator.....	210
Growth Room or Chamber .....	211
Fume Cupboard .....	212
Controller System.....	213

### Air Conditioner – Single Split



**Definition:**

Refrigerant split Air Conditioning system with one indoor unit to one outdoor unit

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model (outdoor unit)	
Room*		Serial No. (outdoor unit)	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Fill Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Refrigerant	R	Refrigerant Charge (kg)	
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

### Air Conditioner – Multi-Split



**Definition:**

Refrigerant split Air Conditioning system with one outdoor unit and more than one indoor unit. Indoor units cannot have individual modes (i.e. whole system is cooling or heating).

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model (outdoor unit)	
Room*		Serial No. (outdoor unit)	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Refrigerant	R	Refrigerant Charge (kg)	
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

### Air Conditioner – Variable Refrigerant



**Definition:**

Refrigerant split Air Conditioning system with one outdoor unit and many indoor units. Use variable refrigerant volume/flow to allow simultaneous heating and cooling operation.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model (outdoor unit)	
Room*		Serial No. (outdoor unit)	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Refrigerant	R	Refrigerant Charge (kg)	
Asset Life (20)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

### Indoor Unit – High Wall



**Definition:**

A terminal unit designed to be mounted high on a wall (above 1600 AFFL), provided with refrigerant from a split refrigerant system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	Include in parent cost
Site	Same as parent	Manufacturer	Same as parent
Building	Same as parent	Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Connected Asset:**

	Identifier
Single / Multi / Variable Split	

**Components:**

	Quantity
Filter – Unit Standard	

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (10)			

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / AC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

Indoor Unit – Ducted



Definition:

A terminal unit designed to be concealed with a ceiling space and delivers air via ductwork and diffusers, provided with refrigerant from a split refrigerant system. Includes ‘bulkhead’ units.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	Include in parent cost
Site	Same as parent	Manufacturer	Same as parent
Building	Same as parent	Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Connected Asset:

	Identifier
Single / Multi / Variable Split	

Components:

	Quantity
Filter – Unit Standard	

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (15)			

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / AC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

Indoor Unit – Floor



Definition:

A terminal unit designed to be mounted low on a wall, provided with refrigerant from a split refrigerant system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	Include in parent cost
Site	Same as parent	Manufacturer	Same as parent
Building	Same as parent	Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Connected Asset:

	Identifier
Single / Multi / Variable Split	

Components:

	Quantity
Filter – Unit Standard	

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (10)			

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

### Indoor Unit – Recessed Cassette



**Definition:**

A terminal unit designed to be recessed into a ceiling and providing up to 4 directions of air flow, provided with refrigerant from a split refrigerant system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	Include in parent cost
Site	Same as parent	Manufacturer	Same as parent
Building	Same as parent	Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Connected Asset:**

	Identifier
Single / Multi / Variable Split	

**Components:**

	Quantity
Filter – Unit Standard	

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

Indoor Unit – Under Ceiling



Definition:

A terminal unit designed to be surface mounted under a ceiling, provided with refrigerant from a split refrigerant system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	Include in parent cost
Site	Same as parent	Manufacturer	Same as parent
Building	Same as parent	Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Connected Asset:

	Identifier
Single / Multi / Variable Split	

Components:

	Quantity
Filter – Unit Standard	

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (10)			

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / AC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

Duct Coil - DX



Definition:

In-duct coil for thermal transfer from refrigerant to air, mounted in ductwork, not part of a ducted or other mass produced unit. Generally paired with a Condenser asset.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Condenser / Split Asset:

	Identifier
Condenser / Split	

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Condensate Drain Pump	Yes / No	Asset Life (30)	

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

### Filter Assembly

**Definition:**

A filter bank, clips, tray, slot or other physical arrangement that holds a filter or filters. ONLY used when the filters are NOT a component of a unit/asset (i.e. not physically inside or within).

Project No. / WR No.		Install Date	/	/
Identifier		Manufacturer		
Site		Model		
Building		Warranty End Date	/	/
Room		Installer		
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

**Filter Assembly's Parent Asset:**

Asset Type		Identifier	
------------	--	------------	--

**Components (one of the below only type):**

	Size (HxWxD mm)	Quantity
Filter – Activated Carbon		
Filter – Deep Bed		
Filter – Electrostatic		
Filter – HEPA		
Filter – Pleated Media		
Filter – Roll Media		
Filter – Stainless Wire Mesh		

**Attributes:**

Clean Pressure (Pa)		Dirty Pressure (Pa)	
---------------------	--	---------------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / VE							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

## Air Handling Unit

## Definition:

Large, purpose built or prefabricated panel, single unit for supply of air. Generally floor mounted and comprised of a fan, filters and heating / cooling coils or both.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

## Filter Components:

	Size (HxWxD mm)	Quantity
Filter – Activated Carbon		
Filter – Deep Bed		
Filter – Electrostatic		
Filter – HEPA		
Filter – Pleated Media		
Filter – Roll Media		
Filter – Stainless Wire Mesh		

## Belt Components:

	Type	Quantity
Fan Belt(s)		

## Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Clean Pressure (Pa)		Dirty Pressure (Pa)	
Fire Alarm Operation	On / Off / NA	Asset Life (30)	

## University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / AC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACSTAT	Asset No.	

## Header Tank

**Definition:**

Water storage tank used for the provision of gravity powered pressure differential, makeup water and expansion in an **open** Heating or Cooling Water Building Reticulation System.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Volume (L)		Asset Life (30)	
------------	--	-----------------	--

Automatic Refill Unit



**Definition:**  
Unit consisting of registered air break tank, fill valve, pressure pump and pressure switch.

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room*	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Asset Life (20)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.

Dosing Pot or Point



**Definition:**  
 Equipment used for adding of chemical treatment to a Heating, Heat Recovery or Cooling Water Building Reticulation System

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Dosing Water Volume (L)		Chemical	
-------------------------	--	----------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Expansion Tank



**Definition:**

Pressure vessel used for expansion in a **closed** Heating or Cooling Water Building Reticulation System.

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room**		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be the UTAS supplied hazardous plant registration ID if hazardous plant.

\*\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Volume (L)		Asset Life (30)	
------------	--	-----------------	--

Hazardous Plant Registration Number:

**IF HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HAZPSTAT	Asset No.	

### Air Conditioner - Packaged Unit



**Definition:**

Ducted packaged AC unit, typically roof mounted and providing ventilation also with reverse cycle DX, filters, dampers.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Filter Components:**

	Size (HxWxD mm)	Quantity
Filter – Activated Carbon		
Filter – Deep Bed		
Filter – Electrostatic		
Filter – HEPA		
Filter – Pleated Media		
Filter – Roll Media		
Filter – Stainless Wire Mesh		

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Clean Pressure (Pa)		Dirty Pressure (Pa)	
Fire Alarm Operation	On / Off / NA	Asset Life (25)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

### Air Conditioner - Packed Terminal Unit



**Definition:**  
 'Window rattler' or PTAC. Self-contained packaged unit that also includes the distribution outlet/vent

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Components:**

	Quantity
Filter – Unit Standard	

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.

### Air Curtain



**Definition:**  
Recirculating air curtain with or without heating element

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Components:**

	Quantity
Filter – Unit Standard	

**Attributes:**

Heating Capacity (kW)		Fire Alarm Operation	On / Off / NA
Asset Life (10)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.

## Air Fan - Return

**Definition:**

A standalone fan that draws return air only

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / VE							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Air Fan - Supply

**Definition:**

A standalone fan that draws a mixture of fresh and return air

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / VE							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

### Air Fan - Fresh

**Definition:**

A standalone fan that draws fresh air only

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / VE							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

### Air Fan – Exhaust – Car Park

**Definition:**

An exhaust fan that does car park exhaust

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / VE							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

### Air Fan – Exhaust – General

**Definition:**

A fan used for general exhaust, such as toilet, utility, kitchenette or change room

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / VE							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

### Air Fan – Exhaust – Kitchen

**Definition:**

A fan connected to a kitchen exhaust hood (not rangehood)

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / VE							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

### Air Fan – Exhaust – Fume

**Definition:**

A fan used for fume extraction or fume extraction systems. Includes fume cupboard fans if not integral.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ/ FUME TREATMENT/VE							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

### Air Fan – Exhaust – Chemical

**Definition:**

A fan used for chemical storage exhaust, generally running 24/7

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ/ FUME TREATMENT/VE							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Air Fan – Stairwell Pressurisation

**Definition:**

Fan dedicated to pressurise an area and only operates under fire alarm, typically stairwell to prevent smoke ingress and aid evacuation

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room*	Serial No.			
Installer	Warranty End Date		/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ/ HVAC PLANT / VE							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Air Fan – Exhaust – Smoke Spill

**Definition:**

Fan dedicated to smoke spill (exhaust).

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ/ HVAC PLANT / VE								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

Boiler – Electric

Definition:  
Electric element water heater for heating

Project No. / WR No.		Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

Attributes:

Heating Capacity (kW)	
Asset Life (15)	

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ/ HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACSTAT	Asset No.	

### Boiler – Gas Fired



Definition:  
Gas fired water heater for heating

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room*	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Component (only if 'gun' burner):

	Manufacturer	Model	Serial No.
Burner - Gun			

Attributes:

Heating Capacity (kW)		Gas Type	LPG / Natural
Condensing	Yes / No	Burner	Atmospheric / Forced
Number of Burners		Asset Life (30)	

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / SH							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACSTAT	Asset No.	

## Boiler – Oil Fired

**Definition:**

Non condensing forced air oil water heater for heating

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Component (only if 'gun' burner):**

	Manufacturer	Model	Serial No.
Burner - Gun			

**Attributes:**

Heating Capacity (kW)		Oil Type	
Condensing	Yes / No	Burner	Atmospheric / Forced
Asset Life (30)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / SH						
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACSTAT	Asset No.

## Calorifer

**Definition:**

For UTAS a water immersed coil water to water heat exchanger

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)	
Asset Life (30)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / SH								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACSTAT	Asset No.	

Chiller – Air Cooled

Definition:

Air cooled chiller used for the cooling / heating of water or glycol.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Refrigerant	R	Refrigerant Charge (kg)	
Compressor Type	Reciprocating / Screw / Centrifugal	Magnetic Bearings	Yes / No
Asset Life (25)			

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / AC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## Chiller – Water Cooled

**Definition:**

Water cooled chiller used for the cooling / heating of water or glycol.

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room*	Serial No.			
Installer	Warranty End Date		/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Refrigerant	R	Refrigerant Charge (kg)	
Compressor Type	Reciprocating / Screw / Centrifugal	Magnetic Bearings	Yes / No
Asset Life (25)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC						
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.

## Heat Pump – Air Source

**Definition:**

Air source heat pump used for only heating only of water or glycol.

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room*	Serial No.			
Installer	Warranty End Date		/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)		Refrigerant Charge (kg)	
Refrigerant	R	Magnetic Bearings	Yes / No
Compressor Type	Reciprocating / Screw / Centrifugal		
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / SH						
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.

## Heat Pump – Water Source

**Definition:**

Water source heat pump used for only heating of water or glycol.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)		Refrigerant Charge (kg)	
Refrigerant	R	Magnetic Bearings	Yes / No
Compressor Type	Reciprocating / Screw / Centrifugal		
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / SH						
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.

## Heat Pump Chiller – Water Cooled

**Definition:**

Water cooled chiller used for the cooling and heating of water or glycol.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Refrigerant	R	Refrigerant Charge (kg)	
Compressor Type	Reciprocating / Screw / Centrifugal	Magnetic Bearings	Yes / No
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / AC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## Heat Pump Chiller – Air Cooled

**Definition:**

Air cooled chiller used for the cooling and heating of water or glycol.

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Refrigerant	R	Refrigerant Charge (kg)	
Compressor Type	Reciprocating / Screw / Centrifugal	Magnetic Bearings	Yes / No
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC						
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.

## Circulating Pump

### Definition:

A pump used for the circulation of heating, heat recovery or cooling water for building reticulation e.g. secondary side/circuit. Not dedicated boiler/chiller/manifold pumps e.g. primary side/circuit.

If no primary/secondary circuit i.e. just one circuit and pump (or standby / duty) then pump is a circulating pump.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

### Attributes:

Duty Pressure (kPa)		Duty Flow (l/s)	
Hydronic Type	Heating / Cooling / Heat & Cool / Heat Recovery		
Asset Life (15)			

### University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## Condenser Pump

**Definition:**

A pump used for the circulation of condenser water or glycol

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Duty Pressure (kPa)		Duty Flow (l/s)	
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## Dedicated Circulating Pump

**Definition:**

A water pump dedicated to a boiler/heat pump chiller/ chiller/manifold, e.g. primary side or single boiler.

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room*	Serial No			
Installer	Warranty End Date		/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Duty Pressure (kPa)		Duty Flow (l/s)	
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## Cooling Tower

Definition:  
Evaporative cooling tower used for cooling of water

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room**		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

\*\*If not within a room then use the room that it is above, below or outside of

Filter Components:

	Size (HxWxD mm)	Quantity
Filter – Evaporative Pad - Aspen		
Filter – Evaporative Pad - Celdek		

Attributes:

Cooling Capacity (kW)	
Asset Life (25)	

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / EC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Hydronic Building Reticulation

**Definition:**

Hydronic, meaning use of water as a heat-transfer medium.

Heating, cooling or both, water distribution system within a building. Made up of supply and return pipework, valves, pumps, expansion, makeup water, etc.

One asset per reticulation system i.e. heating water distribution is one asset and cooling water distribution is another. Unless a single set of supply/return pipework does both.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Components:**

	Quantity
Air and Dirt Separator	
Strainer	
Isolating valves	
Control valves	

**Attributes:**

Hydronic Type	Heating / Cooling / Heat & Cool / Heat Recovery
Asset Life (30)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## Evaporative Air Cooler

**Definition:**

Evaporative cooler used for cooling of supply air to condition a room

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room*		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Filter Components:**

	Size (HxWxD mm)	Quantity
Filter – Evaporative Pad - Aspen		
Filter – Evaporative Pad - Celdek		

**Attributes:**

Cooling Capacity (kW)	
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / EC							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACSTAT	Asset No.	

## Dry Cooler



**Definition:**  
Outdoor heat exchanger used for cooling of water or glycol with air. Fans are the only active component.

Project No. / WR No.		Install Date		/	/
Identifier	ARV Cost (ex GST)				
Site	Manufacturer				
Building	Model				
Room*	Serial No.				
Installer	Warranty End Date		/	/	
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Cooling Capacity (kW)	
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

### Extraction System - Dust

**Definition:**

System of ductwork, gates, connectors, fan and hopper used for saw dust removal.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Belt Components:**

	Type	Quantity
Fan Belt(s)		

**Attributes:**

Fire Alarm Operation	On / Off / NA
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

### Fan Coil Unit – High Wall



**Definition:**

A terminal unit designed to be mounted high on a wall (above 1600 AFFL), provided with chilled / heated water from a hydronic system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Components:**

	Quantity
Filter – Unit Standard	

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

Fan Coil Unit – Ducted



Definition:

A terminal unit designed to be concealed with a ceiling space and delivers air via ductwork and diffusers, provided with chilled / heated water from a hydronic system. Includes 'bulkhead' units.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (20)			

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

Fan Coil Unit – Floor



Definition:

A terminal unit designed to be mounted low on a wall, provided with chilled / heated water from a hydronic system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Components:

	Quantity
Filter – Unit Standard	

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (15)			

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC						
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.

### Fan Coil Unit – Recessed Cassette



**Definition:**

A terminal unit designed to be recessed into a ceiling and providing up to 4 directions of air flow, provided with chilled / heated water from a hydronic system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Components:**

	Quantity
Filter – Unit Standard	

**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

### Fan Coil Unit – Under Ceiling



**Definition:**

A terminal unit designed to be surface mounted under a ceiling, provided with chilled / heated water from a hydronic system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Components:**

	Quantity
Filter – Unit Standard	

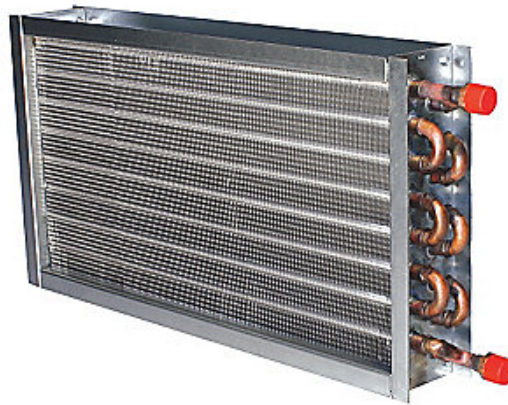
**Attributes:**

Heating Capacity (kW)		Cooling Capacity (kW)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No
Asset Life (15)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

Duct Coil - Hydronic



Definition:

In-duct coil for thermal transfer from a hydronic system to air, mounted in ductwork, not part of a ducted or other mass produced unit.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	Include in parent cost
Site	Same as parent	Manufacturer	Same as parent
Building	Same as parent	Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Condensate Drain Pump	Yes / No	Hydronic Type	Heating / Cooling / Heat & Cool / Heat Recovery
Asset Life (30)			

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC						
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACSTAT	Asset No.

### Data Centre Floor Mount DX Unit



**Definition:**  
 Refrigerant split ACitioning system designed for data centre use with underfloor air distribution. Compressor and evaporator inside internal unit. Also known as CRAC or process cooler.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Cooling Capacity (kW)		Refrigerant Charge (kg)	
Refrigerant	R	Asset Life (10)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Data Centre Condenser



**Definition:**

Outdoor condenser connected to Data Centre DX unit, aka CRAC or Process Cooler

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room*	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Connected to Asset:**

	Identifier(s)
Data Centre Floor Mounted DX Unit	

**Attributes:**

Asset Life (10)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACPREV	Asset No.	

## Duct Heater - Electric

Definition:  
Electric element in-duct heater.

Project No. / WR No.		Install Date		/	/
Identifier	ARV Cost (ex GST)				
Site	Manufacturer				
Building	Model				
Room	Serial No.				
Installer	Warranty End Date		/	/	
Warranty Coverage					
OH&S Notes					
General Notes					
Form Filled Out By					

Attributes:

Heating Capacity (kW)	
Asset Life (12)	

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

## Duct Heater - Gas

Definition:  
Indirect or direct fired gas in-duct heater

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Heating Capacity (kW)		Gas Type	LPG / Natural
Heat Transfer	Indirect / Direct	Asset Life (15)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

## Heat Exchanger – Shell & Tube

Definition:

Standalone shell and tube heat exchanger used in hydronic systems

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out Bu			

Attributes:

Transfer Capacity (kW)	
Asset Life (25)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Heat Exchanger – Plate

Definition:

Standalone plate heat exchanger used in hydronic systems

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Transfer Capacity (kW)	
Asset Life (25)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Heat Recovery – Plate

Definition:

Standalone plate heat exchanger used for heat recovery from air

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Transfer Capacity (kW)	
Asset Life (25)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Heat Recovery – Wheel

Definition:

Standalone wheel heat exchanger used for heat recovery from air

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Transfer Capacity (kW)	
Asset Life (25)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Heat Recovery – Unit

Definition:

Manufactured heat recovery unit, typically plate type with fan and filters

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room*	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Filter Components:

	Size (HxWxD mm)	Quantity
Filter – Activated Carbon		
Filter – Deep Bed		
Filter – Electrostatic		
Filter – HEPA		
Filter – Pleated Media		
Filter – Roll Media		
Filter – Stainless Wire Mesh		

Attributes:

Transfer Capacity (kW)		Asset Life (20)	
Fire Alarm Operation	On / Off / NA	Condensate Drain Pump	Yes / No

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Heater - Hydronic

**Definition:**

Hydronic space (room) heater, radiant or natural convection i.e. not fan coil unit.

1 asset per heater.

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Heating Capacity (kW)	
Asset Life (20)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / SH							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Heater – Hydronic Floor Coil

**Definition:**

Hydronic space (room) heater floor coil type.

1 asset per floor coil.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Heating Capacity (kW)	
Asset Life (30)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / SH								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

Heater - Electric

Definition:

Electric space (room) heater, radiant or convection

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Heating Capacity (kW)	
Asset Life (12)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / SH								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	-	Asset No.	

## Heater – Electric Floor Coil

Definition:

Electric space (room) heater, floor coil type

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Heating Capacity (kW)	
Asset Life (12)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / SH								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	-	Asset No.	

## Heater - Gas

Definition:

Gas space (room) heater, not ducted. Radiant tube or wall mounted.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Heating Capacity (kW)		Gas Type	LPG / Natural
Asset Life (15)			

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / SH								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

## Heater – Forced Air

**Definition:**

Fix integral fan heater with electric elements used for glass/hot houses or constant temperature rooms only

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Heating Capacity (kW)	
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / SH							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Humidifier

Definition:

Device that increases air humidity, typically through creation of steam

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Steam Capacity (kg/h)	
Asset Life (15)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / AC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACSTAT	Asset No.	

## Hydronic Storage Vessel

Definition:

Water tank used for the storage of heated or chilled water

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Attributes:

Hydronic Type	Heating / Cooling / Heat & Cool / Heat Recovery
Volume Capacity (L)	
Asset Life (30)	

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C3	FMC	-	Asset No.	

### Switchboard - Mechanical

Definition:

Mechanical Services Switchboard (MSSB), not a section of a switchboard or chassis

Project No. / WR No.		Install Date	/	/
Identifier		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

Fed from Asset:

	Identifier
Switchboard – Mechanical / Main / Distribution	

Attributes:

Fault Rating (kVA)		Asset Life (35)	
--------------------	--	-----------------	--

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## Variable Speed Drive

Definition:

Variable Speed Drive

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

Speed Controls Asset:

Asset Type	Identifier

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## VAV Unit

**Definition:**

VAV Box or Unit. Prefabricated unit with dampers and with or without fan to control air volume primarily for temperature control

Project No. / WR No.		Install Date	/ /
Identifier	ARV Cost (ex GST)		
Site	Manufacturer		
Building	Model		
Room	Serial No.		
Installer	Warranty End Date		/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Filter Components:**

	Size (HxWxD mm)	Quantity
Filter – Activated Carbon		
Filter – Deep Bed		
Filter – Electrostatic		
Filter – HEPA		
Filter – Pleated Media		
Filter – Roll Media		
Filter – Stainless Wire Mesh		
Filter – Unit Standard		

**Attributes:**

Heating Capacity (kW)		Fire Alarm Operation	On / Off / NA
Asset Life (20)			

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / AC							
BC (775)		Cond.	EXCL	Crit.	C3	FMC	HVACPREV	Asset No.	

## Fire Damper - HVAC

**Definition:**

A controlled fire damper (or combined fire & smoke) installed within HVAC ductwork or as part of an HVAC system. Does not include uncontrolled dampers, see Fire Services section for intumescent and fusible link type asset forms.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Asset Life (30)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Smoke Damper - HVAC

**Definition:**

A smoke damper installed within HVAC ductwork or as part of an HVAC / smoke control system

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Attributes:**

Asset Life (30)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Constant Temperature Room

**Definition:**

Room fabricated from cool or freezer room panelling. Generally above ten degree operating temperature and can contain a heater or split AC system. Used for research only.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Connected Assets:**

Asset Type	Identifier(s)

**Attributes:**

Monitored Alarm	Yes / No
Asset Life (25)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / TEMP CONTRLD ROOM / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Cool Room

**Definition:**

Generally 4 degrees or higher temperature. Less insulation than a freezer room, typically 75mm thick.

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room*	Serial No.			
Installer	Warranty End Date		/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Connected Assets:**

	Identifier(s)
Evaporator	
Condenser	

**Attributes:**

Monitored Alarm	Yes / No
Asset Life (25)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / TEMP CONTRLD ROOM / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Freezer Room

**Definition:**

Generally less than 0 degrees. Typically 150mm thick insulation, slab heating and threshold heater.

Project No. / WR No.		Install Date	/	/
Identifier	ARV Cost (ex GST)			
Site	Manufacturer			
Building	Model			
Room*	Serial No.			
Installer	Warranty End Date		/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*If not within a room then use the room that it is above, below or outside of

**Connected Assets:**

	Identifier(s)
Evaporator	
Condenser	

**Attributes:**

Monitored Alarm	Yes / No
Asset Life (25)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / TEMP CONTRLD ROOM / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Condenser

### Definition:

Component that rejects heat, typically the 'outdoor unit'. Cool and Freezer Rooms only, but can be used with Duct Coil - DX

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

Connected Asset (one of the below):

	Identifier
Evaporator	
Ducted Coil - DX	

Attributes:

Heating Capacity (kW)		Cooling Capacity (kW)	
Refrigerant	R	Refrigerant Charge (kg)	
Asset Life (15)			

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACPREV	Asset No.	

## Evaporator

**Definition:**

Fan coil unit coupled with a Condenser. Component that absorbs heat, used for Cool and Freezer Rooms only.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Attributes:**

Asset Life (15)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / HVAC PLANT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACPREV	Asset No.	

## Growth Room or Chamber

**Definition:**

Room fabricated from cool or freezer room panelling. With variable operating temperature and can contain a heater or split AC system. Used for research only.

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Connected Assets:**

Asset Type	Identifier(s)

**Attributes:**

Monitored Alarm	Yes / No
Asset Life (25)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / TEMP CONTRLD ROOM / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Fume Cupboard

**Definition:**

A fume cupboard either ducted or recirculating. Not laminar flow or biosafety cabinets.

Asset Sticker Required: Yes

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room*		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*If not within a room then use the room that it is above, below or outside of

**Connected Assets:**

	Identifier(s)
Air Fan – Exhaust - Fume	

**Attributes:**

Variable Speed Sash	Yes / No
Scrubber	Yes / No
Asset Life (10)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / HVACEQ / FUME TREATMENT / HVAC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HVACSTAT	Asset No.	

## Controller System

**Definition:**

All automated HVAC, Building Management System controls and controllers. A totalised asset for a building to track value and expense. One asset per building.

Project No. / WR No.	
Initial Install Date	/ /
ARV Cost (ex GST)	
Site	
Building	
Form Filled Out By	

**Attributes:**

Asset Life (10)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type			PLANT & EQUIP / HVACEQ / BLDING MNGMT SYS / HVAC						
BC (775)		Cond.	EXCL	Crit.	C4	FMC	HVACPREV	Asset No.	

## Security Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Surveillance System.....	215
Security System .....	216
Lock System.....	217
Help Point.....	218

## Surveillance System

**Definition:**

A totalised asset for a building to track value and expense. One asset per building.

Project No. / WR No.	
Initial Install Date	/ /
ARV Cost (ex GST)*	
Identifier**	
Site	
Building	
Form Filled Out By	

\*Cost to be all hardware installed.

\*\*Identifier to be building code, then VMS

**Attributes:**

Asset Life (10)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type			PLANT & EQUIP / SECUREQ / SURVEILLANCE SYSTEM / SEC						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	SECPREV	Asset No.	

## Security System

**Definition:**

Includes access control and intruder detection. A totalised asset for a building to track value and expense. One asset per building.

Project No. / WR No.	
Initial Install Date	/ /
ARV Cost (ex GST)*	
Identifier**	
Site	
Building	
Form Filled Out By	

\*Cost to be all hardware installed.

\*\*Identifier to be building code, then Gallagher. E.g. SB.BE20 Gallagher

**Attributes:**

Asset Life (20)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type			PLANT & EQUIP / SECUREQ / SECURITY SYSTEM / SEC						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	SECPREV	Asset No.	

## Lock System

**Definition:**

Asset for each registered key system used for locks. May be campus or building level. Includes unmonitored accommodation/hotel style electronic access control systems e.g. Ving/Salto

Project No. / WR No.		Initial Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Installer			

\*As per ProMaster designation.

**Attributes:**

Asset Life (25)	
-----------------	--

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / SECUREQ / ACCESS CONTROL / SEC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	N/A	Asset No.	

## Help Point

Definition:

Push button self-dialling intercom/phone.

Project No. / WR No.		Initial Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building*		Model	
Room*		Installer	
Form Filled Out By			

\*Room or building that it is directly outside of otherwise leave blank.

Attributes:

Asset Life (15)	
-----------------	--

University Use:

Class / Group / Cat / Cat Type		PLANT & EQUIP / SECUREQ / ALARM SYSTEM / SEC							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	SECPREV	Asset No.	

## Vertical Transportation Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Passenger Lift .....	220
Goods Lift .....	221
Dumb Waiter .....	222
Wheelchair Lift .....	223
Access Hoist .....	224
Platform Lift .....	225

## Passenger Lift

**Definition:**

Lift largely used for vertical transportation of people.

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / VTRANEQ / LIFTS / TS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	LIFTSTAT	Asset No.	

## Goods Lift

**Definition:**

Lift largely used for transportation of goods and people.

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / VTRANEQ / LIFTS / TS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	LIFTSTAT	Asset No.	

## Dumb Waiter

**Definition:**

Lift largely used for vertical transportation of small goods.

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / VTRANEQ / LIFTS / TS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	LIFTSTAT	Asset No.	

## Wheelchair Lift

**Definition:**

Lift / lifting platform used for wheelchair access

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / VTRANEQ / LIFTS / TS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	LIFTSTAT	Asset No.	

## Access Hoist

**Definition:**

Hoist used for providing increased accessibility of amenities

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / VTRANEQ / HOISTING EQUIPMENT / TS							
BC (775)		Cond.	EXCL	Crit.	C5	FMC	LIFTSTAT	Asset No.	

## Platform Lift

**Definition:**

Lifting platform used for goods, generally in a loading dock

Project No. / WR No.		Install Date	/	/
Identifier*		ARV Cost (ex GST)		
Site		Manufacturer		
Building		Model		
Room**		Serial No.		
Installer		Warranty End Date	/	/
Warranty Coverage				
OH&S Notes				
General Notes				
Form Filled Out By				

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

\*\*If not within a room then the room it is directly outside of.

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / VTRANEQ / LIFTS / TRANSPORT SYS								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	LIFTSTAT	Asset No.	

## Research Asset Forms

Refer to Asset Forms General Instructions section before completing these forms.

Laminar Flow Cabinet .....	227
Bio Safety Cabinet .....	228
Steriliser .....	229

## Laminar Flow Cabinet

**Definition:**

A cabinet that recirculates air to maintain an air barrier between the contents and the room

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Filter Components:**

	Size (HxWxD mm)	Quantity
Filter – Activated Carbon		
Filter – HEPA		

**Attributes:**

Variable Speed Sash	Yes / No
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type		PLANT & EQUIP / RESCHEQ / FUME TREATMENT / -						
BC (775)		Cond.	EXCL	Crit.	C5	FMC	CF	Asset No.

## Bio Safety Cabinet

**Definition:**

A cabinet that recirculates air to maintain an air barrier between the contents and the room

Project No. / WR No.		Install Date	/ /
Identifier		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

**Filter Components:**

	Size (HxWxD mm)	Quantity
Filter – Activated Carbon		
Filter – HEPA		

**Attributes:**

Variable Speed Sash	Yes / No
Asset Life (15)	

**University Use:**

Class / Group / Cat / Cat Type	PLANT & EQUIP / RESCHEQ / FUME TREATMENT / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	CF	Asset No.	

## Steriliser

Definition:  
Sterilizing appliance, includes autoclaves.

Project No. / WR No.		Install Date	/ /
Identifier*		ARV Cost (ex GST)	
Site		Manufacturer	
Building		Model	
Room		Serial No.	
Installer		Warranty End Date	/ /
Warranty Coverage			
OH&S Notes			
General Notes			
Form Filled Out By			

\*Identifier to be the UTAS supplied Hazardous plant registration ID.

Hazardous Plant Registration Number:

**HAZARDOUS PLANT REGISTRATION PAPERWORK (PRF4 FROM WORKSAFE TASMANIA) MUST BE SUBMITTED WITH THIS ASSET FORM. INSPECTION AND SIGN OFF MUST BE COMPLETED PRIOR TO SUBMISSION.**

University Use:

Class / Group / Cat / Cat Type	PLANT & EQUIP / RESCHEQ / STERILISER EQUIPMENT / -								
BC (775)		Cond.	EXCL	Crit.	C5	FMC	HAZPSTAT	Asset No.	