

## Confined Space Register 2012

Original assessment by AECOM Australia Pty Ltd

#### A=COM

## **Mawson Lakes**

## **Building Q**

#### **Version 1**

Note: document links in blue underline text Symbols on plans are also links

Version No.	Date	Amendment details	Approved by
1	28/06/2012	Original version as assessed by AECOM Australia Pty Ltd	-

This Confined Space Register does not remove the requirement for contractors to complete their own work-based risk assessment.

Please refer to Appendix for other spaces assessed.



AECOM's assessment of a confined space was based on the information provided by the University of South Australia (UniSA) site representative and visual observation on the day. Risk assessment and hazard identification of a confined space was classified in accordance with:

- Work Health and Safety Regulations 2012 (SA);
- AS2865-2009.

Should UniSA wish to declassify a space which AECOM has deemed to be a 'Confined Space', section 2.4.6 of AS 2865-2009 must be adhered to as stated below.

"For a space which has previously been classified as a confined space to be reclassified as a non-confined space, it needs to have undergone sufficient changes in structure or usages to eliminate (without the need for risk control measures) all possible sources of inherent hazard that define a confined space. Any changes to a confined space would have to be such that a subsequent risk assessment would determine that it no longer meets the criteria for a confined space".

Sufficient evidence to show that the statement above has been met must be provided to the University of South Australia Facilities Management Unit who has the appropriate privilege to alter the Confined Space Register.



#### Confined Space Register 2012

Assessed by AECOM Australia Pty Ltd, June to December 2012

Mawson Lakes

Building Q

Version 1

Space ID	Space description	Location	Confined Space according to Work Health and Safety Regulations 2012 (SA)?	Confined Space according to AS 2865-2009?	UniSA deemed Confined Space?	Comments	Link to details	Link to Plan
ML-Q-05	Water Tank	Q3-02	Yes	Yes	Confined Space		ML-Q-05	Level 3

Assessed by: AECOM Australia Pty Ltd

Campus:	Mawson Lakes	Date Assessed:	28/06/2012
Building:	Q	Assessors:	Daniel Alexander and Stan Fuller
Space ID:	ML-Q-05	UniSA deemed:	Confined Space
Description:	Water Tank	onisa deemed.	Confined Space
Location:	Q3-02	UniSA deems a space	ce Confined Space if either assessment

niSA deemed:	Confined Space
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UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Top hatch
Access type:	Requires manoeuvring

Comments:	
Additional Hazards:	Low oxygen, Asphyxiant, Head impact, Engulfment, Constrained movement, Entrapment

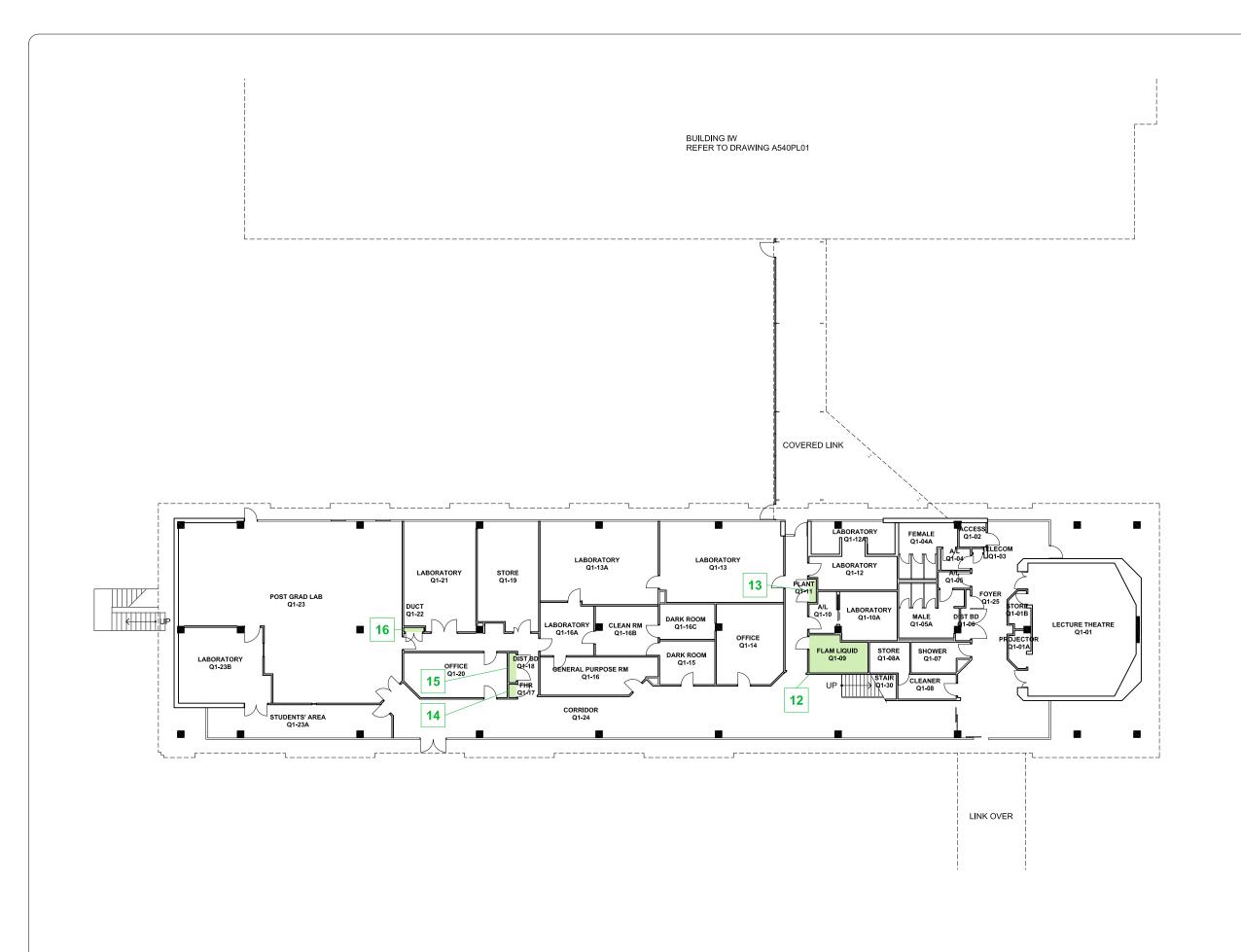
#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
Α	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	Yes
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	Yes
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	Yes
iv)	engulfment?	Yes
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	Yes

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	Yes
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	Yes
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	Yes
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	Yes



Date	Amendment details	by



All drawings remain the property of the University of South Australia and must be returned upon request. These drawings are subject to change without notice. Any errors and/or omissions should be reported to the Facilities Management Unit.

## **LEGEND**

**RED** Deemed Confined Space

**GREEN Deemed Non-Confined Space** 

1 ROOM

ABOVE OR BELOW CURRENT LEVEL

WITHIN ROOM



ACCESS TO ABOVE



ACCESS TO BELOW



1 ACCESS DIRECTION (relative to plan)



**FACILITIES MANAGEMENT** UNIT

Level 2, 101 Currie Street, Adelaide. SA 5000 Phone 8302 2762 Fax 8302 2708

#### **CONFINED SPACE**

MAWSON LAKES CAMPUS

Building

## **BUILDING Q** LEVEL 01

Scale:	Drawn:
Not to scale	SMG
Last Update:	Plot Date:
21/01/2013	06/09/2012 08:49

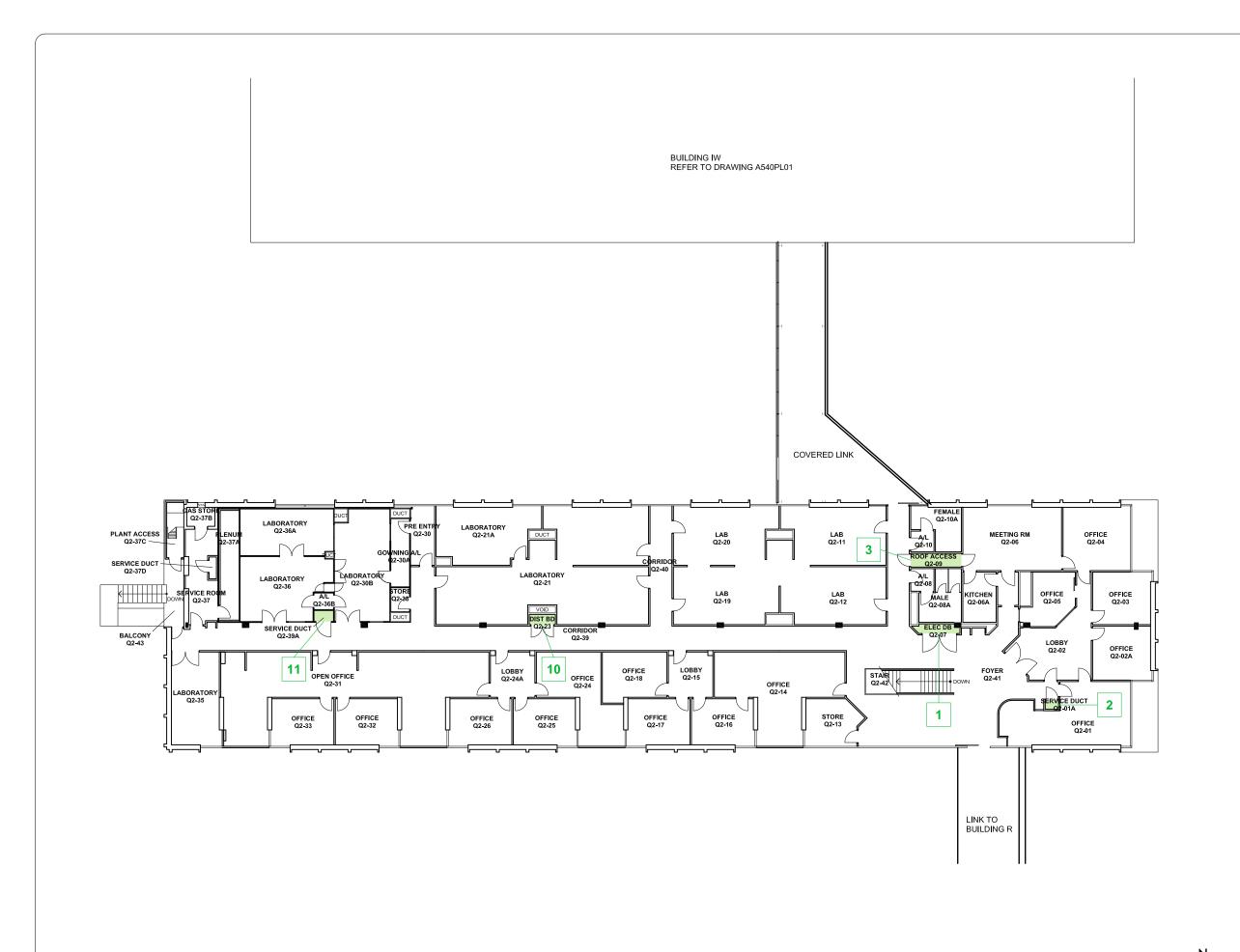


Drawing No.:

Revision:

H520CS01





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## **LEGEND**

**RED** Deemed Confined Space

**GREEN Deemed Non-Confined Space** 

1

ROOM



ABOVE OR BELOW CURRENT LEVEL



WITHIN ROOM



ACCESS TO ABOVE



ACCESS TO BELOW



1 ACCESS DIRECTION (relative to plan)



**FACILITIES MANAGEMENT** UNIT

Level 2, 101 Currie Street, Adelaide. SA 5000 Phone 8302 2762 Fax 8302 2708

#### **CONFINED SPACE**

MAWSON LAKES CAMPUS

Building

**BUILDING Q** LEVEL 02

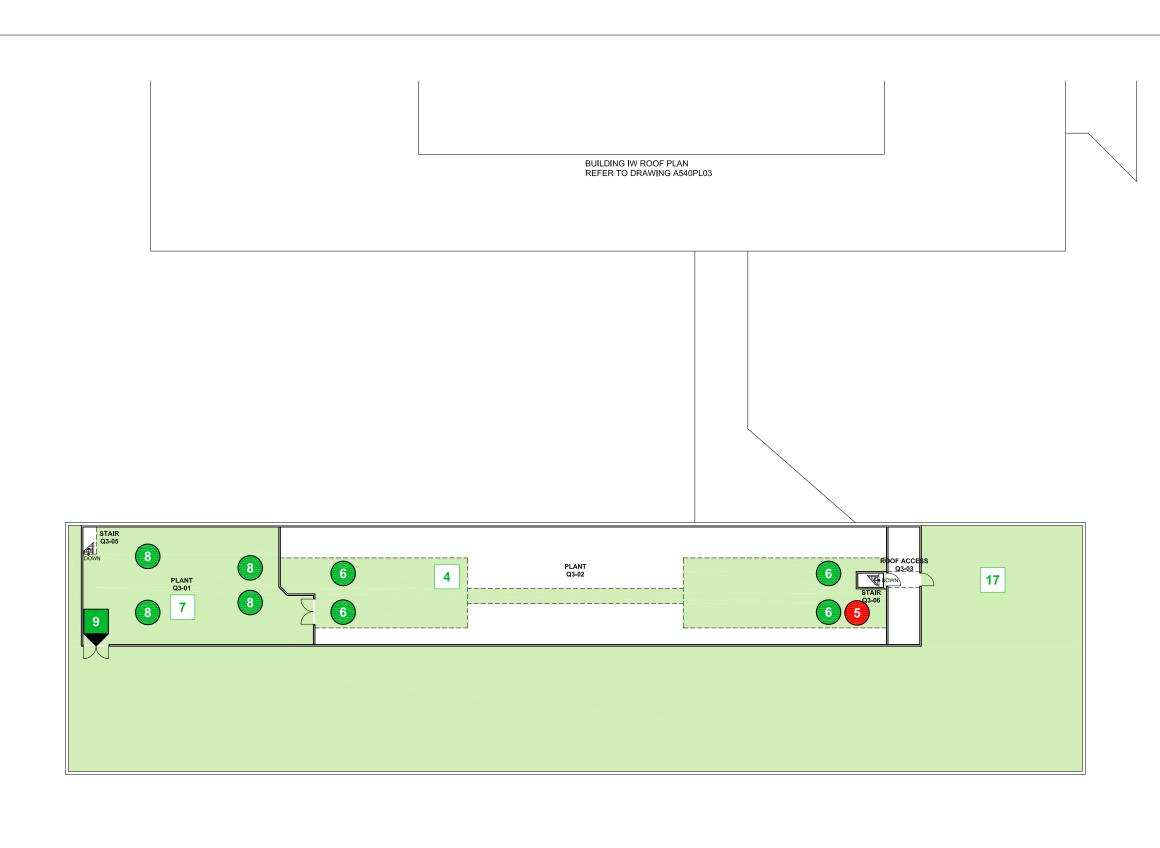
Scale:	Drawn:
Not to scale	SMG
Last Update:	Plot Date:
21/01/2013	06/09/2012 08:49

Drawing No.:

Revision:

H520CS02





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## **LEGEND**

RED Deemed Confined Space

GREEN Deemed Non-Confined Space

1 ROOM

ABOVE OR BELOW CURRENT LEVEL

WITHIN ROOM

ACCESS TO ABOVE

17 ACCESS TO BELOW

ACCESS DIRECTION (relative to plan)



FACILITIES MANAGEMENT UNIT Level 2, 101 Currie Street, Adelaide. SA 5000 Phone 8302 2762 Fax 8302 2708

#### **CONFINED SPACE**

MAWSON LAKES CAMPUS

Building

BUILDING Q LEVEL 03

Scale:	Drawn:
Not to scale	SMG
Last Update:	Plot Date:
21/01/2013	06/09/2012 08:49



Drawing No.:

Revision:

H520CS03



# Appendix Register of other spaces assessed

## Mawson Lakes Building Q

This Register does not remove the requirement for contractors to complete their own work-based risk assessment.



Register of other spaces assessed
Assessed by AECOM Australia Pty Ltd, June to December 2012
Mawson Lakes
Building Q

Version 1

Space ID	Space description	Location	Confined Space according to Work Health and Safety Regulations 2012 (SA)?	Confined Space according to AS 2865-2009?	UniSA deemed Confined Space?	Comments	Link to details	Link to Plan
ML-Q-01	Electrical Distribution Board	Q2-07	No	No	Non-Confined Space	This is a restricted space	ML-Q-01	Level 2
ML-Q-02	Service Duct	Q2-01a	No	No	Non-Confined Space	This is a restricted space	ML-Q-02	Level 2
ML-Q-03	Roof Access	Q2-09	No	No	Non-Confined Space	This is a restricted space	ML-Q-03	Level 2
ML-Q-04	Plant Room	Q3-02	No	No	Non-Confined Space	This is a restricted space	ML-Q-04	Level 3
ML-Q-06	Air Handling Unit x 5	Q3-02	No	No	Non-Confined Space	This is a restricted space	ML-Q-06	Level 3
ML-Q-07	Plant Room	Q3-01	No	No	Non-Confined Space	This is a restricted space	ML-Q-07	Level 3
ML-Q-08	Air Handling Unit x 4	Q3-01	No	No	Non-Confined Space	This is a restricted space	ML-Q-08	Level 3
ML-Q-09	Roof Access	Q3-01	No	No	Non-Confined Space	This is a restricted space	ML-Q-09	Level 3
ML-Q-10	Electrical Distribution Board	Q2-23	No	No	Non-Confined Space	This is a restricted space	ML-Q-10	Level 2
ML-Q-11	Service Duct	Q2-39a	No	No	Non-Confined Space	This is a restricted space	ML-Q-11	Level 2
ML-Q-12	Flammable Liquid Store	Q1-09	No	No	Non-Confined Space	This is a restricted space	ML-Q-12	Level 1
ML-Q-13	Plant Room	Q1-11	No	No	Non-Confined Space	This is a restricted space	ML-Q-13	Level 1
ML-Q-14	Electrical Distribution Board	Q1-17	No	No	Non-Confined Space	This is a restricted space	ML-Q-14	Level 1
ML-Q-15	Electrical Distribution Board	Q1-18	No	No	Non-Confined Space	This is a restricted space	ML-Q-15	Level 1
ML-Q-16	Service Riser	Q1-22	No	No	Non-Confined Space	This is a restricted space	ML-Q-16	Level 1
ML-Q-17	Roof Access	Q3-03	No	No	Non-Confined Space	This is a restricted space	ML-Q-17	Level 3

Assessed by: AECOM Australia Pty Ltd

Campus:	Mawson Lakes	Date Assessed:	28/06/2012
Building:	Q	Assessors:	Daniel Alexar

Building:	Q	Assessors:	Daniel Alexander and Stan Fuller	
Space ID:	ML-Q-01	UniSA deemed:	Non-Confined Space	
Description: Electrical Distribution Board		omer accinea.	Non-commed Space	
Location:	Q2-07	UniSA deems a space	ce Confined Space if either assessment criteria (shown below) results in Yes.	

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Comments: This is a restricted space	
Additional Hazards:	Electrical

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

	RESTRICTED AREA AUTHORISED PERSONNEL ONLY	
	Q2-07 Distribution Board	
. 9		
		28/06/2012

Date	Amendment details	Approved by



Assessed by: AECOM Australia Pty Ltd

Assessors: Daniel Alexander and Stan Fuller

Description:	Service Duct	
Space ID:	ML-Q-02	
Building:	Q	
Campus:	Mawson Lakes	

Q2-01a

Location:

Date Assessed: 28/06/2012

UniSA deemed:	Non-Confined Space

UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Comments:	This is a restricted space
Additional Hazards:	

View on plan
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Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
Α	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

	RESTRICTED AREA AUTHORISED PERSONNEL ONLY		
Q2-01A Ser	rvice Duct		
		28/06/2012	

Date	Amendment details	Approved by



Assessed by: AECOM Australia Pty Ltd

Assessors: Daniel Alexander and Stan Fuller

Description:	Roof Access	
Space ID:	ML-Q-03	
Building:	Q	
Campus:	Mawson Lakes	

Q2-09

Location:

Date Assessed: 28/06/2012

UniSA deemed:	Non-Confined Space

UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Overhead hatch
Access type:	Stair

Comments:	This is a restricted space
Additional Hazards:	Fall from heights, Slips trips and falls, Manual handling, Constrained movement

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	No
В	Is not designed or intended primarily to be occupied by a person?	Yes
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	No
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by



Assessed by: AECOM Australia Pty Ltd

Description:	Plant Room	onioa deenied.	Non-Commed Space
Space ID:	ML-Q-04	UniSA deemed:	Non-Confined Space
Building:	Q	Assessors: Daniel Alexander and Stan Fuller	
Campus:	Mawson Lakes	Date Assessed:	28/06/2012

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Q3-02

Location:

Comments:	This is a restricted space
Additional Hazards:	Slips trips and falls, Mechanical

UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

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Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

Assessed by: AECOM Australia Pty Ltd

(	Campus:	Mawson Lakes	Date Assessed:	28/06/2012	
[	Building:	Q	Assessors: Daniel Alexander and Stan Fuller		
,	Space ID:	ML-Q-06	UniSA deemed: Non-Confined Space		
ſ	Description:	Air Handling Unit x 5	Ollion deellied.	Non-Commed Space	
Ī	_ocation:	Q3-02	UniSA deems a space Confined Space if either assessment criteria (shown below) results		

Number of Entrances:	1		Comm
Entry type:	Side hatch		Comm
Access type:	Requires manoeuvring		Additi
		Ha	Hazard

Comments:	This is a restricted space
Additional Hazards:	Head impact, Cold stress, Mechanical, Manual handling, Constrained movement

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	Yes
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

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Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

Assessed by: AECOM Australia Pty Ltd

Location: Q3-01		UniSA deems a space	ce Confined Space if either assessment criteria (shown below) results in Yes.	
Description	n: Plant Room	onioa deemed.	Non-Commed Space	
Space ID:	ML-Q-07	UniSA deemed:	Non-Confined Space	
Building:	Q	Assessors:	Daniel Alexander and Stan Fuller	
Campus:	Mawson Lakes	Date Assessed:	28/06/2012	

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Comments:	This is a restricted space
Additional Hazards:	Mechanical, Slips trips and falls

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

	1	28/06/2012

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	No
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

Assessed by: AECOM Australia Pty Ltd 28/06/2012

Snace ID:	MI -Q-08	
Building:	Q	Assessors:
Campus:	Mawson Lakes	Date Assessed:

Building:	Q	Assessors:	Daniel Alexander and Stan Fuller
Space ID:	ML-Q-08	UniSA deemed:	Non-Confined Space
Description:	Air Handling Unit x 4	Unisa deemed.	Non-Commed Space
Location:	Q3-01	UniSA deems a spac	ce Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Side hatch
Access type:	Requires manoeuvring

Comments:	This is a restricted space
Additional Hazards:	Head impact, Cold stress, Mechanical, Manual handling, Constrained movement

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Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	Yes
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



	Date	Amendment details	Approved by
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Assessed by: AECOM Australia Pty Ltd

Location:	Q3-01	UniSA deems a space Confined Space if either assessment criteria (shown below) results in Ye	
Description:	Roof Access	onioa deemed.	Non-Commed Space
Space ID:	ML-Q-09	UniSA deemed:	Non-Confined Space
Building:	Q	Assessors:	Daniel Alexander and Stan Fuller
Campus:	Mawson Lakes	Date Assessed:	28/06/2012

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Comments:	This is a restricted space
Additional Hazards:	Fall from heights, Slips trips and falls

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	No
В	Is not designed or intended primarily to be occupied by a person?	Yes
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

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	23/06/2012

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	No
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

No

No

Assessed by: AECOM Australia Pty Ltd

Assessors: Daniel Alexander and Stan Fuller

Description:	Electrical Distribution Board	
Space ID:	ML-Q-10	
Building:	Q	
Campus:	Mawson Lakes	

Date Assessed: 28/06/2012

UniSA deemed:	Non-Confined Space

UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Location:

Q2-23

engulfment?

Confined

Comments:	This is a restricted space
Additional Hazards:	Electrical

- \	iew	On	n	an

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No

If the answer to A **and** B **and** C **and** at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.

Category	Criteria: AS2865-2009	Result
Α	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	No
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Q2-Z Dis	RESTRICTED AREA  AUTHORISED PERSONNEL ONLY  tribution Board	
		28/06/2012

Date	Amendment details	Approved by

Assessed by: AECOM Australia Pty Ltd

		1		
Building:	Q	Assessors:	Daniel Alexander and Stan Fuller	
Space ID:	ML-Q-11	UniSA deemed:	Non Confined Space	
Description:	Service Duct	Unisa deemed.	Non-Confined Space	
Location:	O2-39a	UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes		

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Campus:

Mawson Lakes

Comments:	This is a restricted space
Additional Hazards:	

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	No
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

	7
Q2-39A Service Duct	
	28/05/2012

Date	Amendment details	Approved by



Result

No

No

No

Assessed by: AECOM Australia Pty Ltd

Description:	Flammable Liquid Store	
Space ID:	ML-Q-12	U
Building:	Q	
Campus:	Mawson Lakes	

Assessors: Daniel Alexander and Stan Fuller

UniSA deemed:	Non-Confined Space

Date Assessed: 28/06/2012

UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Comments:	This is a restricted space
Additional Hazards:	Fire

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Category Criteria: Work Health and Safety Regulations 2012 (SA)

Location:

iii)

Q1-09

А	Is the space enclosed or partially enclosed?	Yes
	Is not designed or intended primarily to be occupied by a person?	No
	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes

es D Is or is likely to be a risk to health and safety from: i) No an atmosphere that does not have a safe oxygen level? contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion? ii) No

iv) engulfment? Confined If the answer to A **and** B **and** C **and** at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.

harmful concentrations of any airborne contaminants?

04.00	Flammable Liquid Store
Q1-09	Flaminable Liquid Store
	THE RESIDENCE OF THE PARTY OF T
	Please do not close
	the Fire Door
	This Fire Door will shut
	Automatically if there is a Fire.  28/06/2012

Category	Criteria: AS2865-2009	Result
Α	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	No
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 28/06/2012

Building:	Q	Assessors:	Daniel Alexander and Stan Fuller	
Space ID:	ML-Q-13	UniSA deemed:	Non Confined Space	
Description:	Plant Room	onisa deemed.	Non-Confined Space	
Location:	Q1-11	UniSA deems a spac	ee Confined Space if either assessment criteria (shown below) results in Yes.	

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Campus:

Mawson Lakes

Comments:	This is a restricted space
Additional Hazards:	

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	No
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	F Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

RESTRICTED AREA AUTHORISED PERSONNEL ONLY  Q1-11 Plantroom	
	28/06/2012

	Date	Amendment details	Approved by
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No No Assessed by: AECOM Australia Pty Ltd

Description:	Electrical Distribution Board	Unisa deemed:	NOII-C
Space ID:	ML-Q-14	UniSA deemed:	Non-C
Building:	Q	Assessors:	Daniel A
Campus:	Mawson Lakes	Date Assessed:	28/06/20

Alexander and Stan Fuller

UniSA deemed:	Non-Confined Space
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UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

ocation:

Q1-17

Comments:	This is a restricted space
Additional Hazards:	Electrical

	on	

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	

#### an atmosphere that does not have a safe oxygen level? i) No contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion? ii) No iii) harmful concentrations of any airborne contaminants? No

Confined	If the answer to A and B and C and at least one of D i), ii), iii) or iv) is Yes,	
Space	then the space is a Confined Space.	i

engulfment?



Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	No
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

Assessed by: AECOM Australia Pty Ltd

Description:	Electrical Distribution Board	omoa deemed.	Non-Commed Space
Space ID:	ML-Q-15	UniSA deemed:	Non-Confined Space
Building:	Q	Assessors:	Daniel Alexander and Stan Fuller
Campus:	Mawson Lakes	Date Assessed:	28/06/2012

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Q1-18

Location:

Comments:	This is a restricted space
Additional Hazards:	Electrical

UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	
С	C Is, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

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B	28/06/2012

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	No
С	Has an oxygen concentration outside the safe oxygen range?	No
D	D Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	
Е	E Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

No

No

Assessed by: AECOM Australia Pty Ltd

Description:	Service Riser	
Space ID:	ML-Q-16	
Building:	Q	
Campus:	Mawson Lakes	

Q1-22

engulfment?

Confined

Location:

Date Assessed: 28/06/2012
Assessors: Daniel Alexander and Stan Fuller

UniSA deemed:	Non-Confined Space

UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Easy access

Comments:	This is a restricted space
Additional Hazards:	

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
Α	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	No
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No

#### Return to Register

Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	Yes
В	Is not intended or designed primarily for human occupancy?	No
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
Е	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

	RESTRICTED AREA AUTHORISED PERSONNEL ONLY		
Q1-22	Service Duct		
		18	28/06/2012

If the answer to A **and** B **and** C **and** at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.

Date	Amendment details	Approved by



Assessed by: AECOM Australia Pty Ltd

Campus:	Mawson Lakes	Date Assessed:	02/12/2013
Building:	Q	Assessors:	Daniel Alexander
Space ID:	ML-Q-17	UniSA deemed:	Non Confined
Description:	Roof Access	Unisa deemed:	Non-Confined
Location:	Q3-03	UniSA deems a space	ce Confined Space if e

Number of Entrances:	1
Entry type:	Overhead hatch
Access type:	Fixed ladder

Comments:	This is a restricted space
Additional Hazards:	Fall from heights, Slips trips and falls, Manual handling, Constrained movement

Space

UniSA deems a space Confined Space if either assessment criteria (shown below) results in Yes.

#### View on plan

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
А	Is the space enclosed or partially enclosed?	No
В	Is not designed or intended primarily to be occupied by a person?	Yes
С	ls, or is designed or intended to be, at normal atmospheric pressure while any person is in the space?	Yes
D	Is or is likely to be a risk to health and safety from:	
i)	an atmosphere that does not have a safe oxygen level?	No
ii)	contaminants, including airborne gases, vapours and dusts, that may cause injury from fire or explosion?	No
iii)	harmful concentrations of any airborne contaminants?	No
iv)	engulfment?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> C <b>and</b> at least one of D i), ii), iii) or iv) is Yes, then the space is a Confined Space.	No

се	then the space is a Confined Space.
1	
	A SAFETY HARMES  AND NON-SLIP  MANT SE WONN  BEYOND THIS PORT  RETHINGTO AREA  PARTICIDAREA  PARTICIDAREA  PARTICIDAREA  PARTICIDAREA  PARTICIDAREA  PARTICIDAREA  PARTICIDAREA  PARTICIDAREA  PARTICIDAREA  PARTICIPATE  ***  ***  ***  ***  ***  ***  ***
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Category	Criteria: AS2865-2009	Result
А	Is the space enclosed or partially enclosed?	No
В	Is not intended or designed primarily for human occupancy?	Yes
С	Has an oxygen concentration outside the safe oxygen range?	No
D	Has a concentration of airborne contaminant that may cause impairment, loss of consciousness or asphyxiation?	No
E	Has a concentration of flammable airborne contaminant that may cause injury from fire or explosion?	No
F	Has a risk of engulfment in a stored free flowing solid or a rising level of liquid that may cause suffocation or drowning?	No
Confined Space	If the answer to A <b>and</b> B <b>and</b> at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by