



University of
South Australia

Confined Space Register 2012

Original assessment by AECOM Australia Pty Ltd



Mawson Lakes

Building N

Version 1

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

Version No.	Date	Amendment details	Approved by
1	26/06/2012	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

Declassifying Statement

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.

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-N-04	Ceiling Space	N2-06	Yes	No	Confined Space		ML-N-04	Level 2
ML-N-05	Water Tank	N2-06	Yes	Yes	Confined Space		ML-N-05	Level 2
ML-N-08	Water Storage Flume	N1-14	Yes	Yes	Confined Space	Isolate main valve for water supply prior to entry	ML-N-08	Level 1
ML-N-09	Sedimentation Tank	N1-14	Yes	Yes	Confined Space	Isolate main valve for water supply prior to entry	ML-N-09	Level 1
ML-N-10	Distribution Tank	N1-14	Yes	Yes	Confined Space	Isolate main valve for water supply prior to entry	ML-N-10	Level 1
ML-N-11	Constant Head Pressure Tank	Roof N Building	Yes	Yes	Confined Space		ML-N-11	Level 2
ML-N-15	Water Tank	N2-02	Yes	Yes	Confined Space	Isolate main valve for water supply prior to entry	ML-N-15	Level 2
ML-N-16	Dust Extractor	external Northern wall	Yes	Yes	Confined Space	Located external wall of room N1-37	ML-N-16	Level 1

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-04
Description:	Ceiling Space
Location:	N2-06

UniSA deemed:

Confined Space

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

Number of Entrances:	1
Entry type:	Open side
Access type:	Requires manoeuvring

Comments:	
Additional Hazards:	Head impact, Fall from heights, Slips trips and falls, Constrained movement

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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?	Yes
iv)	engulfment?	No
Confined Space	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.	Yes

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-05
Description:	Water Tank
Location:	N2-06

UniSA deemed:

Confined Space

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, Head impact, Engulfment, Constrained movement

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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?	No
iv)	engulfment?	Yes
Confined Space	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.	Yes

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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?	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?	Yes
Confined Space	If the answer to A and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	Yes



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University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-08
Description:	Water Storage Flume
Location:	N1-14

UniSA deemed:

Confined Space

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

Number of Entrances:	1
Entry type:	Grate over pit
Access type:	Ladder

Comments:	Isolate main valve for water supply prior to entry
Additional Hazards:	Low oxygen, Asphyxiant, Slips/trips/falls, Fall from heights, Engulfment, Constrained movement

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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?	Yes
iii)	harmful concentrations of any airborne contaminants?	Yes
iv)	engulfment?	Yes
Confined Space	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.	Yes

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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
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?	Yes
Confined Space	If the answer to A and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	Yes



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-09
Description:	Sedimentation Tank
Location:	N1-14

UniSA deemed:

Confined Space

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

Number of Entrances:	1
Entry type:	Open pit
Access type:	Ladder

Comments:	Isolate main valve for water supply prior to entry
Additional Hazards:	Low oxygen, Asphyxiant, Slips/trips/falls, Fall from heights, Engulfment, Constrained movement

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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?	Yes
iii)	harmful concentrations of any airborne contaminants?	Yes
iv)	engulfment?	Yes
Confined Space	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.	Yes

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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
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?	Yes
Confined Space	If the answer to A and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	Yes



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University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-10
Description:	Distribution Tank
Location:	N1-14

UniSA deemed:

Confined Space

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

Number of Entrances:	1
Entry type:	Open pit
Access type:	Ladder

Comments:	Isolate main valve for water supply prior to entry
Additional Hazards:	Low oxygen, Asphyxiant, Slips/trips/falls, Fall from heights, Engulfment, Constrained movement

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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?	Yes
iii)	harmful concentrations of any airborne contaminants?	Yes
iv)	engulfment?	Yes
Confined Space	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.	Yes

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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
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?	Yes
Confined Space	If the answer to A and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	Yes



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University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-11
Description:	Constant Head Pressure Tank
Location:	Roof N Building

UniSA deemed:

Confined Space

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:	Fixed ladder

Comments:	
Additional Hazards:	Head impact, Slips/trips/falls, Fall from heights, Low oxygen, Asphyxiant, Engulfment, Atmospheric contaminants

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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?	Yes
iii)	harmful concentrations of any airborne contaminants?	Yes
iv)	engulfment?	Yes
Confined Space	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.	Yes

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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
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?	Yes
Confined Space	If the answer to A and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	Yes



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-15
Description:	Water Tank
Location:	N2-02

UniSA deemed:

Confined Space

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:	Isolate main valve for water supply prior to entry
Additional Hazards:	Engulfment

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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?	Yes
Confined Space	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.	Yes

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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?	Yes
Confined Space	If the answer to A and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	Yes



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 27/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-16
Description:	Dust Extractor
Location:	external Northern wall

UniSA deemed: **Confined Space**

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

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

Comments:	Located external wall of room N1-37
Additional Hazards:	Low oxygen, Asphyxiant, Head impact, Mechanical, Engulfment, Manual Handling, Constrained movement, Atmospheric contaminants

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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?	Yes
iii)	harmful concentrations of any airborne contaminants?	Yes
iv)	engulfment?	Yes
Confined Space	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.	Yes

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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?	Yes
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?	Yes
Confined Space	If the answer to A and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	Yes



Date	Amendment details	Approved 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
- 1 ABOVE OR BELOW CURRENT LEVEL
- 1 WITHIN ROOM
- 1 ACCESS TO ABOVE
- 1 ACCESS TO BELOW
- 1 ACCESS DIRECTION (relative to plan)



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CONFINED SPACE

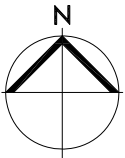
MAWSON LAKES CAMPUS

Building

BUILDING N
LEVEL 00 (Basement)

Scale: Not to scale	Drawn: SMG
Last Update: 06/02/2013	Plot Date: 10/09/2012 15:48

Drawing No.: H512CS00	Revision: A
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LEGEND

RED Deemed Confined Space

GREEN Deemed Non-Confined Space

1 ROOM

(1) ABOVE OR BELOW CURRENT LEVEL

1 WITHIN ROOM

1 ACCESS TO ABOVE

1 ACCESS TO BELOW

1 ACCESS DIRECTION (relative to plan)



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CONFINED SPACE

MAWSON LAKES CAMPUS

Building

**BUILDING N
LEVEL 01**

Scale:
Not to scale

Last Update:
18/01/2013

Drawn:
SMG

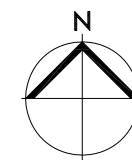
Plot Date:
10/09/2012 15:48

Drawing No.:

H512CS01

Revision:

A



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LEGEND

RED Deemed Confined Space

GREEN Deemed Non-Confined Space

1 ROOM

1 ABOVE OR BELOW CURRENT LEVEL

1 WITHIN ROOM

1 ACCESS TO ABOVE

1 ACCESS TO BELOW

1 ACCESS DIRECTION (relative to plan)



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CONFINED SPACE

MAWSON LAKES CAMPUS

Building

BUILDING N
LEVEL 02

Scale:
Not to scale

Drawn:
SMG

Last Update:
06/02/2013

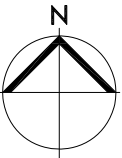
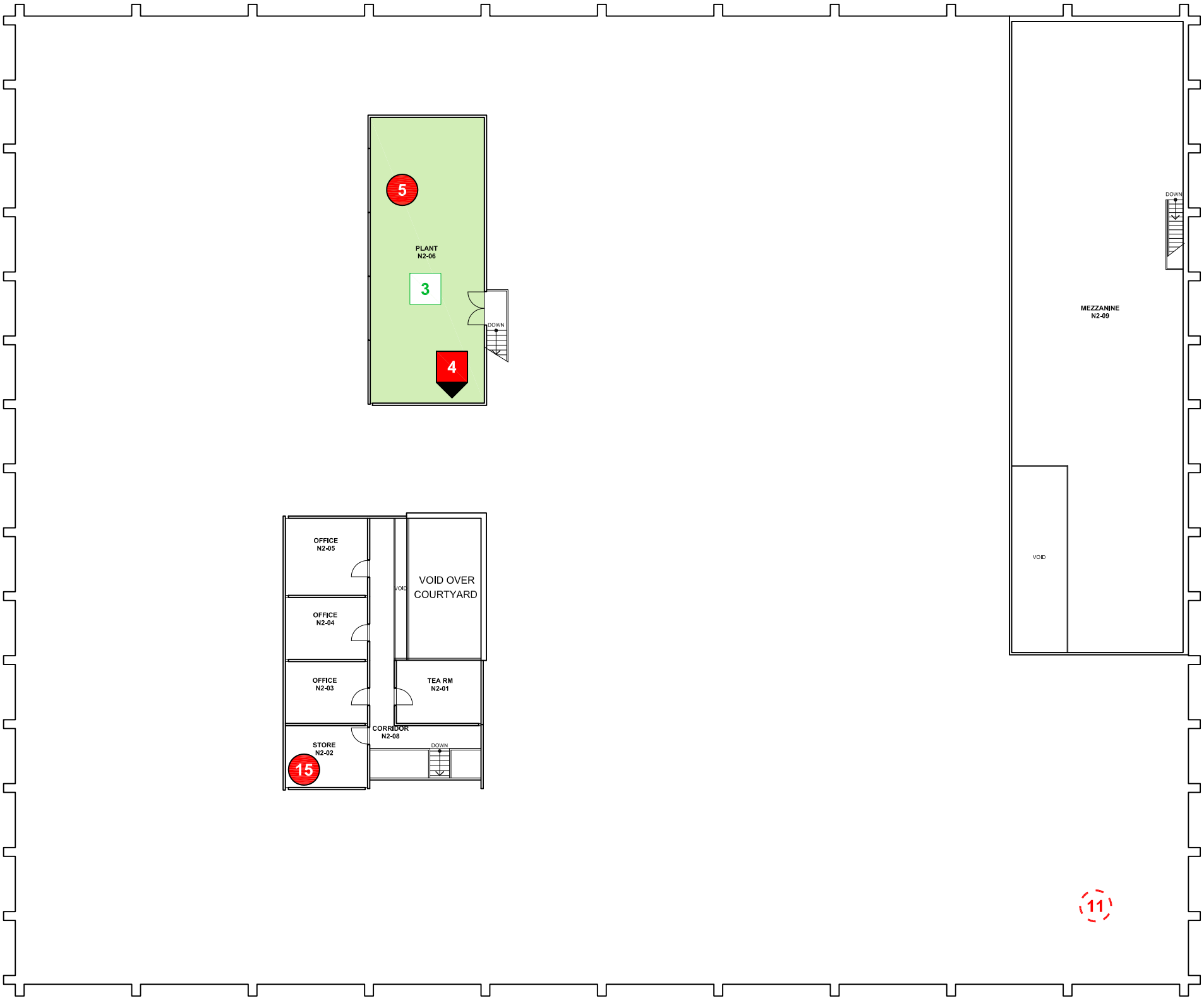
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Drawing No.:

H512CS02

Revision:

A



Appendix

Register of other spaces assessed

Mawson Lakes

Building N

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

**Mawson Lakes
Building N**

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-N-01	Ceiling Space	N1-33	No	No	Non-Confined Space	This is a restricted space	ML-N-01	Level 1
ML-N-02	Electrical Distribution Board	N1-18	No	No	Non-Confined Space	This is a restricted space	ML-N-02	Level 1
ML-N-03	Plant Room	N2-06	No	No	Non-Confined Space	This is a restricted space	ML-N-03	Level 2
ML-N-06	Ward Oven	N1-24	No	No	Non-Confined Space	This is a restricted space	ML-N-06	Level 1
ML-N-07	Space below Strong Floor	N0-02	No	No	Non-Confined Space	There is radioactive material stored in a locked cage. This is a restricted space	ML-N-07	Level 0
ML-N-12	Baldwin Pump Enclosure	N1-15	No	No	Non-Confined Space	This is a restricted space	ML-N-12	Level 1
ML-N-13	Mohr Federhaff Losenhausen Pump Enclosure	N1-15	No	No	Non-Confined Space	This is a restricted space	ML-N-13	Level 1
ML-N-14	Pump Room	N1-14	No	No	Non-Confined Space	The pump room is purged for 15 seconds with fresh air. There is no access via the locked gate if	ML-N-14	Level 1
ML-N-17	Tunnel Access	N1-15	No	No	Non-Confined Space	Located southern wall of N1-15	ML-N-17	Level 1

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-01
Description:	Ceiling Space
Location:	N1-33

UniSA deemed:

Non-Confined Space

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

Number of Entrances:	5
Entry type:	Overhead hatch
Access type:	Ladder

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

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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 and B and C and 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
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-02
Description:	Electrical Distribution Board
Location:	N1-18

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:	Electrical

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	No
C	Is, 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 and B and C and 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
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	No
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-03
Description:	Plant Room
Location:	N2-06

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:	Slips trips and falls, Head impact, Mechanical, Noise

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	No
C	Is, 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 and B and C and 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
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	No
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-06
Description:	Ward Oven
Location:	N1-24

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:	Heat stress, Constrained movement

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	Yes
C	Is, 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 and B and C and 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
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	Yes
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-07
Description:	Space below Strong Floor
Location:	N0-02

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:	Floor hatch
Access type:	Stair

Comments:	There is radioactive material stored in a locked cage. This is a restricted space
Additional Hazards:	Slips/trips/falls, Radioactive material, Manual handling, Atmospheric contaminants

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	No
C	Is, 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 and B and C and 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
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	No
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-12
Description:	Baldwin Pump Enclosure
Location:	N1-15

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:	Floor hatch
Access type:	Requires manoeuvring

Comments:	This is a restricted space
Additional Hazards:	Mechanical, Slips/trips/falls, Manual handling

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	No
C	Is, 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 and B and C and 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
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	No
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-13
Description:	Mohr Federhaff Losenhausen Pump Enclosure
Location:	N1-15

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:	Floor hatch
Access type:	Requires manoeuvring

Comments:	This is a restricted space
Additional Hazards:	Mechanical, Slips/trips/falls, Manual handling

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	No
C	Is, 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 and B and C and 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
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	No
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 26/06/2012

Assessors: Daniel Alexander and Stan Fuller

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-14
Description:	Pump Room
Location:	N1-14

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:	Floor hatch
Access type:	Requires manoeuvring

Comments:	The pump room is purged for 15 seconds with fresh air. There is no access via the locked gate if the purge is not completed. This is a restricted space
Additional Hazards:	Mechanical, Slips/trips/falls

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	No
C	Is, 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 and B and C and 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
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	No
C	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 and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No



Date	Amendment details	Approved by

University of South Australia Confined Space Register 2012

Assessed by: AECOM Australia Pty Ltd

Date Assessed: 24/02/2014

Assessors: Daniel Alexander

Campus:	Mawson Lakes
Building:	N
Space ID:	ML-N-17
Description:	Tunnel Access
Location:	N1-15

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:	Floor hatch
Access type:	Fixed ladder

Comments:	Located southern wall of N1-15
Additional Hazards:	Low oxygen, Asphyxiant, Head impact, Mechanical, Engulfment, Manual Handling, Constrained movement, Atmospheric contaminants

[View on plan](#)

[Return to Register](#)

Category	Criteria: Work Health and Safety Regulations 2012 (SA)	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not designed or intended primarily to be occupied by a person?	No
C	Is, 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?	Yes
iii)	harmful concentrations of any airborne contaminants?	Yes
iv)	engulfment?	Yes
Confined Space	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.	No

Category	Criteria: AS2865-2009	Result
A	Is the space enclosed or partially enclosed?	Yes
B	Is not intended or designed primarily for human occupancy?	No
C	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?	Yes
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?	Yes
Confined Space	If the answer to A and B and at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by