

# Confined Space Register 2012

Original assessment by AECOM Australia Pty Ltd

### AECOM

## **City East**

**Brookman Building (B)** 

Version 1

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

Date	Amendment details	Approved by
23/10/2012	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 City East Brookman Building (B)

			Confined Space according to Work Health and Safety	Confined Space				
			Regulations	according to	UniSA deemed		Link to	Link to
Space ID	Space description	Location	2012 (SA)?	AS 2865-2009?	Confined Space?	Comments	details	Plan

No Confined Spaces assessed

Version 1



















## Appendix

# Register of other spaces assessed

**City East** 

Brookman Building (B)

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 City East Brookman Building (B)

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
CE-B-01	Server	B3-11	No	No	Non-Confined Space	This is a restricted space	<u>CE-B-01</u>	Level 3
CE-B-02	Electrical Distribution Board	B3-11a	No	No	Non-Confined Space	This is a restricted space	<u>CE-B-02</u>	Level 3
CE-B-03	Lift Motor Room	BM-04	No	No	Non-Confined Space	This is a restricted space	<u>CE-B-03</u>	<u>Mezzanine</u>
CE-B-04	Comms	B5-07	No	No	Non-Confined Space	This is a restricted space	<u>CE-B-04</u>	Level 5
CE-B-05	Plant Room	B5-01a	No	No	Non-Confined Space	This is a restricted space	<u>CE-B-05</u>	Level 5
CE-B-06	Plant Room	B6-02	No	No	Non-Confined Space	This is a restricted space	<u>CE-B-06</u>	Level 6
CE-B-07	Roof Access	via B6-02	No	No	Non-Confined Space	This is a restricted space	<u>CE-B-07</u>	Level 6
CE-B-08	Roof Space	via B7-01	No	No	Non-Confined Space	This is a restricted space	<u>CE-B-08</u>	Level 7

Version 1

		Assessed by:	AECOM Australia Pty Ltd	
Campus:	City East	Date Assessed:	23/10/2012	
Building:	В	Assessors:	Daniel Alexander	
Space ID:	CE-B-01	UniSA deemed:	Non-Confined Space	
Description:	Server	UNISA deemed.		
Location:	B3-11	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
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	Yes
с	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 $\textit{and}$ B $\textit{and}$ C $\textit{and}$ 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
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 $\textit{and}$ B $\textit{and}$ at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by



		Assessed by:	AECOM Australia Pty Ltd	
Campus:	City East	Date Assessed:	23/10/2012	
Building:	В	Assessors:	Daniel Alexander	
Space ID:	CE-B-02	UniSA deemed:	Non-Confined Space	
Description:	Electrical Distribution Board	Unisa deemed.	Non-commed space	
Location:	B3-11a	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

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	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 <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 $\textit{and}$ B $\textit{and}$ at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by



		Assessed by:	AECOM Australia Pty Ltd
Campus:	City East	Date Assessed:	23/10/2012
Building:	В	Assessors:	Daniel Alexander
Space ID:	CE-B-03	UniSA deemed:	Non-Confined Space
Description:	Lift Motor Room	UNISA deemed:	Non-Commed Space
Location:	BM-04	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:	Mechanical

#### 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	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 <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
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 $\textit{and}$ B $\textit{and}$ at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by



		Assessed by:	AECOM Australia Pty Ltd
Campus:	City East	Date Assessed:	23/10/2012
Building:	В	Assessors:	Daniel Alexander
Space ID:	CE-B-04	UniSA deemed:	Non-Confined Space
Description:	Comms	UNISA deemed:	Non-Commed Space
Location:	B5-07	UniSA deems a space	e 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
А	Is the space enclosed or partially enclosed?	Yes
В	Is not designed or intended primarily to be occupied by a person?	Yes
с	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 <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 $\textit{and}$ B $\textit{and}$ at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by
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		Assessed by:	AECOM Australia Pty Ltd
Campus:	City East	Date Assessed:	23/10/2012
Building:	В	Assessors:	Daniel Alexander
Space ID:	CE-B-05	UniSA deemed:	Non-Confined Space
Description:	Plant Room	UNISA deemed.	Non-commed Space
Location:	B5-01a	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:	Mechanical

#### 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	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 $\textit{and}$ B $\textit{and}$ C $\textit{and}$ 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
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 $\textit{and}$ B $\textit{and}$ at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by



		Assessed by:	AECOM Australia Pty Ltd
Campus:	City East	Date Assessed:	23/10/2012
Building:	В	Assessors:	Daniel Alexander
Space ID:	CE-B-06	UniSA deemed:	Non-Confined Space
Description:	Plant Room	UNISA deemed:	Non-Commed Space
Location:	86-02	UniSA deems a spa	ce Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Stair

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

#### 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	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
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 $\textit{and}$ B $\textit{and}$ at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

		Assessed by:	AECOM Australia Pty Ltd
Campus:	City East	Date Assessed:	23/10/2012
Building:	В	Assessors:	Daniel Alexander
Space ID:	CE-B-07	UniSA deemed:	Non-Confined Space
Description:	Roof Access	UNISA deemed:	Non-Commed Space
Location:	via B6-02	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:	Stair

Comments:	This is a restricted space
Additional Hazards:	Slips trips and falls, Non ionising radiation, 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	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 $\textit{and}$ B $\textit{and}$ C $\textit{and}$ 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
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 $\textit{and}$ B $\textit{and}$ at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by

		Assessed by:	AECOM Australia Pty Ltd
Campus:	City East	Date Assessed:	16/02/2014
Building:	В	Assessors:	Daniel Alexander
Space ID:	CE-B-08	UniSA deemed:	Non-Confined Space
Description:	Roof Space	UNISA deemed.	Non-Commed Space
Location:	via B7-01	UniSA deems a spa	ce Confined Space if either assessment criteria (shown below) results in Yes.

Number of Entrances:	1
Entry type:	Door / Gate
Access type:	Stair

Comments:	This is a restricted space
Additional Hazards:	Slips trips and falls, Non ionising radiation, Manual handling, Constrained movement

#### 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?	Yes
с	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 $\textit{and}$ B $\textit{and}$ C $\textit{and}$ 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
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?	
Confined Space	If the answer to A $\textit{and}$ B $\textit{and}$ at least one of C, D, E or F is Yes, then the space is a Confined Space.	No

Date	Amendment details	Approved by