

# Risk Register

**Location** The University of Adelaide - VP (Services and Resources) - Human Resources  
- \*N/A - \*N/A - \*N/A - \*N/A - \*N/A - Gas cylinders generic-University-2010-07-29

**Assessment Type** Tasks

**Assessment Category** Tasks - General

**Master Category** OHS

Entity	The University of Adelaide	Faculty/Division	VP (Services and Resources)
School/Branch	Human Resources	Discipline/Unit	*N/A
Campus	*N/A	Building	*N/A
Room	*N/A	Room Type	*N/A
Item / Activity	Gas cylinders generic-University -2010-07-29		

**Assessment Record:** 786

**Assessment Checklist:** OHS - Tasks - General

Hazard	Hazard Description/Nature of Risk	How can this hazard/threat cause an incident/adverse event?	Residual	Assessor
* Explosion / Fire hazards	Is there a potential for a person to be injured by an explosion or fire? e.g. ignition of surrounding area, using naked flame, gas, vapour, grain silos, chemical incompatibility, shock sensitive chemicals, chemical stability	A flammable gas leak may cause an explosion or major fire.	Medium (20)	Sean Alexander

### What controls are currently in place?

Gas cylinders and equipment are located in a well ventilated area, and used in accordance with the Chemical Safety Management chapter of the HSW Handbook. The area has appropriate fire-fighting equipment. The SOP includes appropriate steps to minimise the likelihood of a fire.

### Risk Assessment Keywords

Actions Description	Control Statement	Responsible Person	Due Date	Cost	Progress/Notes	Control Type

  

Hazard	Hazard Description/Nature of Risk	How can this hazard/threat cause an incident/adverse event?	Residual	Assessor
* Exposure to gas (asphyxiants)	Is there the potential for a person to be exposed to gas causing oxygen displacement? e.g. diesel emissions, liquid N, dry ice	Personnel may be exposed to asphyxiants should a leak occur.	Medium (20)	Sean Alexander

### What controls are currently in place?

Gas cylinders and equipment are located in a well ventilated area, and used in accordance with the Chemical Safety Management chapter of the HSW Handbook. The SOP includes appropriate steps to minimise exposure to asphyxiants.

### Risk Assessment Keywords

<b>Actions Description</b>	<b>Control Statement</b>	<b>Responsible Person</b>	<b>Due Date</b>	<b>Cost Progress/Notes</b>	<b>Control Type</b>
<b>Hazard</b>	<b>Hazard Description/Nature of Risk</b>		<b>How can this hazard/threat cause an incident/adverse event?</b>	<b>Residual</b>	<b>Assessor</b>
* Contact with chemicals, fumes or gas	Is there the potential for a person to come into contact with chemicals or gas? e.g. fumes from chemicals, dry ice, machine oils, Liquid N2		Toxic gases (DG Division 2.3) may cause injury.	Medium (18)	Sean Alexander

**What controls are currently in place?**

Gas cylinders and equipment are located in a well ventilated area, and used in accordance with the Chemical Safety Management chapter of the HSW Handbook. The SOP includes appropriate steps to minimise exposure to toxic gases.

**Risk Assessment Keywords**

<b>Actions Description</b>	<b>Control Statement</b>	<b>Responsible Person</b>	<b>Due Date</b>	<b>Cost Progress/Notes</b>	<b>Control Type</b>
<b>Hazard</b>	<b>Hazard Description/Nature of Risk</b>		<b>How can this hazard/threat cause an incident/adverse event?</b>	<b>Residual</b>	<b>Assessor</b>
* Overstress - manual handling and ergonomics	Is there the potential for a person to be exposed to manual handling injury through reaching, bending, twisting, lifting, pulling, pushing or repetitive motions?		Large gas cylinders are heavy and incorrect use of them can result in injury.	Medium (18)	Sean Alexander

**What controls are currently in place?**

Staff are trained in the correct handling of gas cylinders. The SOP contains appropriate instructions where relevant.

**Risk Assessment Keywords**

<b>Actions Description</b>	<b>Control Statement</b>	<b>Responsible Person</b>	<b>Due Date</b>	<b>Cost Progress/Notes</b>	<b>Control Type</b>
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