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Functional Flowchart

Not applicable.

Objective

To provide a corporate standard that outlines SCL's methods by which safe barricading and restricted access controls are to be implemented.

Scope

This corporate standard applies to any work activity within a SCL operated and / or maintained site where barricading or restricted access is required.

Definitions

Barricade: a structure consisting of vertical and / or horizontal components (e.g. barricade mesh, tape, panels, spoil etc.), or similar objects. It is used to prevent unauthorised access into a particular work area, and / or area where a hazard(s) may exist. It is usually a temporary measure and should have a minimum height of 900mm.

Electrical Safety Observer: A person specifically assigned the duty of observing and warning against unsafe approach to equipment, exposed energised conductors and other potential hazards.

High Voltage: Voltage exceeding 1000 volts AC or 1500 volts ripple-free DC "(QLD Electrical Safety Act 2002. schedule 2)".

High Voltage Electrical Testing: Testing of electrical equipment using high voltage sources.

Restricted Access Area: an area which has been segregated from a general access area, through the use of barricading, signage or other similar items to prevent unauthorised access, and / or an area where a hazard(s) may exist. A restricted access area may be temporary or permanent.

Specialist tape: tape other than the Danger / Caution tape used at SCL sites which is specific for the particular work / hazard being undertaken e.g. high pressure water blasting.

Responsibilities

OH&S Systems Manager

To maintain the currency and accuracy of the Barricading and Restricted Access Corporate Standard reflective of legislative and corporate change.

Station / Site Manager

To monitor the implementation of the Barricading and Restricted Access Corporate Standard and allocate responsibilities and resources to ensure site-specific practices/procedures are developed to satisfy the Corporate Standard

Officer in Charge (OIC) / ATW Coordinator, Radiation Safety Officer, Emergency Response Team, Principal Contractor

To ensure barricading, signage and lights are used as per Barricading and Restricted Access Corporate Standard and as required by other Corporate Standards.

Workers

To comply at all times with the requirements specified within this Corporate Standard and any site-specific procedures

Hazards

Barricading and restricted access controls have been implemented to protect workers and members of the public from hazards and issues such as, but not limited to:

- unauthorised access to a work area;
- flying particles and materials;
- electricity;
- radiation;
- fall zone;
- environmental incident (e.g. oil or chemical spill);
- falling objects; and
- contact with moving plant, machinery or vehicles.

Controls

1. Refer [Attachment 1](#) for :
 - when tape, signage etc is to be used;
 - examples of tape, signage, lighting to be used;
 - access conditions;
 - who is responsible for erecting and removing.
2. Signage is to be in accordance with [HB#570000: Safety Signs](#).

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3. Where barricading is used to provide a means of restricting access around a penetration or from an unprotected edge, it is to be located at least 2m (where practicable) from the outside of the edge where a fall can occur.

Note: The use of temporary barricading and signage to warn personnel of hazards, and to restrict access to an area, is the least preferred method of protecting personnel from falls etc, and is only to be used where it is not practicable to implement other more suitable controls (e.g. fixed edge protection).

4. Where star pickets are used to support a barricade and are driven into the ground 150mm an [Excavation and Digging Control Guide](#) is to be completed.
5. Where barricading is to be removed or modified, it is to be done in such a way that the barricading is not rendered ineffective where a hazard still exists and/or does not create a hazard to personnel.
6. Where temporary barricading / restricted access areas block access ways or exits (e.g. emergency exits), an alternate route may be required. Note: a clearance of 2 metres is to be maintained for a final evacuation exit outside a building.
7. Temporary barricades and signs that are no longer required are to be removed as soon as practicable and returned to the relevant storage area.

Note: Barricades and associated equipment are not to be left where they may pose a hazard for personnel (e.g. trip hazard).

8. For additional Corporate Standards that contain information regarding specific barricading and restricted access requirements refer [Links and References](#).

Training and Competency

SCL employees and contractors accessing or working in the vicinity of areas with restricted access / containing barricading are to be provided with instruction as per [HB#551039-HS037-Barricading & Restricted Access Awareness Training Rationale](#).

Review

This Corporate Standard is reviewed every 3 years and on an as needs basis (e.g. following legislative change, new information, relevant incident, etc.).

Links and References

[HBIRDPRO-#692250-CONFINED SPACE](#)
[HBIRDPRO-#692270-ELECTRICAL SAFETY](#)
[HB#562492-Electric and Magnetic Fields \(EMF\)](#)
[HBIRDPRO-#692252-EXCAVATION & DIGGING](#)
[HBIRDPRO-#692253-FALLS & FALLING OBJECTS](#)
[HB#625195-Hazardous Areas](#)
[HBIRDPRO-#692251-HOT WORK](#)
[HBIRDPRO-#559144-Portable Ladders](#)
[HBIRDPRO-#692255-RADIATION SAFETY](#)
[HB#570000-Safety Signs](#)
[HB#560736-Scaffolding](#)
[HBIRDPRO-#560077-Scafftags](#)

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- + + [HB#562511-Synthetic Mineral Fibres \(SMFs\)](#)
- + + [HB#562513-Traffic Management](#)
- + [HB#562514-Welding](#)

- [Excavation and Digging Control Guide](#)

- + [HB#623733-HS037-Barricading & Restricted Access Awareness Training](#)
- + [HB#551039-HS037-Barricading & Restricted Access Awareness Training Rationale](#)

QLD Building Fire Safety Regulation 2008
QLD Workplace Health and Safety Regulation 2008

Attachments

[Attachment 1: Examples of Tape, Signs etc](#)
[Attachment 2: Audit Checklist](#)

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Attachment 1: Examples of Tape, Signs etc

Note: The preference is for signage to be used with a barricade. However there may be situations where this is not required. Examples include:

- where there are multiple entries to an opened confined space and Danger – Do Not Enter tape is placed across openings other than the entry point;
- the use of specialist tape which includes wording describing the hazard and Caution or Danger – Do Not Enter. Consideration will need to be given to requirement for providing contact information.
- where the barricade includes wording e.g. road closed, detour.

Tape	Tape colour	Sign	Sign colour	Light / Safety Observer	Application	Access conditions	Applied/Removed By
Caution (may/may not have wording on tape)	Yellow & Black	Caution	Yellow & Black		Hazards	Access permitted with caution required	Person responsible for control of hazard or who finds hazard
Danger – Do Not Enter (may/may not have wording on tape)	Red & White	Danger – Do Not Enter	Red & White		Work under a PTW / ATW where specialist tape is not used	As permitted by OIC / ATW Coordinator / Works Responsible Person	OIC / ATW Coordinator / Works Responsible Person (or person under instruction of OIC / ATW Coordinator / Works Responsible Person)
				Electrical Safety Observer	High voltage electrical testing		
Caution Radiation For further information see Radiation Safety Corp Standard	Blue & White	Radiation Sign	Yellow background with black radiation symbol	Blue flashing light	Radiography	As permitted by Radiation Safety Officer	Radiation Safety Officer
Specialist tape		Dependant on hazards / risks and if wording on tape. A Danger /			For example: - high pressure water cleaning/blasting	As permitted by OIC / ATW Coordinator / Works Responsible Person	OIC / ATW Coordinator / Works Responsible Person (or person under instruction of OIC / ATW Coordinator / Works Responsible Person)

Corporate Standard

Barricading and Restricted Access

HB#659518

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Tape	Tape colour	Sign	Sign colour	Light / Safety Observer	Application	Access conditions	Applied/Removed By
		Caution sign should be considered					
ERT Incident – No Entry	Orange & Black				Emergency / incident situation	As permitted by person responsible for control of area. (e.g. ERT Team member)	Person responsible for control of area (e.g. ERT Team member) or who finds incident.
		Refer Qld WH&S Reg			Principal Contractor site	As permitted by Principal Contractor	Principal Contractor (or person under instruction of PC)
Road Closure barricade For further information see Traffic Management Corporate Std		May/may not have sign on free standing barricades	Yellow & Black	May be used with amber flashing light	Road closure	As permitted by OIC / ATW Coordinator / Works Responsible Person As permitted by Principal Contractor	OIC / ATW Coordinator / Works Responsible Person (or person under instruction of OIC / ATW Coordinator / Works Responsible Person) Principal Contractor (or person under instruction of PC)

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Attachment 2: Audit Checklist

1. Refer Word SCL Templates/Corporate Management/Audit Report Template for further explanation of Risk Levels/Root Causes.
2. Complete page 1 of the Audit Report Template when the findings are to be entered into the ARD and combine with this table.
3. Save completed document to Hummingbird/Corporate Management/Audit.

ARD ID#	STANDARD / OBLIGATION BEING AUDITED AND FINDING	RECOMMENDATION	RECOMMEND'N CLASSIFICATION	TARGET DATE	ACTION OFFICER	APPROVING OFFICER	GM	RISK LEVEL/ ROOT CAUSE
General								
	Is barricading / signage / lights used as per <u>Attachment 1</u> ? <ul style="list-style-type: none"> ▪ Is tape / signage available? ▪ Review work method statements. 		Please select:					RL: RC:
	Is barricading erected as a means of restricting access around penetrations, trenches, unprotected edges etc., located at least 2m (where practicable) from the outside edge at which a fall could occur?		Please select:					RL: RC:
	Where temporary barricading / restricted access areas block access ways or exits (e.g. emergency exits), are alternate routes identified? Note: a clearance of 2 metres is to be maintained for a final evacuation exit outside a building.		Please select:					RL: RC:
	When temporary barricades / signs are no longer required are they removed and returned to the relevant storage area.		Please select:					RL: RC:

Corporate Standard

Barricading and Restricted Access

HB#659518

Amd Date 04/01/08

ARD ID#	STANDARD / OBLIGATION BEING AUDITED AND FINDING	RECOMMENDATION	RECOMMEND'N CLASSIFICATION	TARGET DATE	ACTION OFFICER	APPROVING OFFICER	GM	RISK LEVEL/ ROOT CAUSE
Training								
	Are SCL employees and controlled contractors accessing or working in the vicinity of areas with restricted access / containing barricading provided with instruction as per HB#551039-HS037 - Barricading & Restricted Access Awareness Training Rationale? Refer training database		Please select:					RL: RC:

Further Information:

Completed by (print name):

Date:

Entered into ARD: Name:

Signature:

Date: