

SAFETY AND SECURITY FENCING FOR CONSTRUCTION SITES

SITE-SPECIFIC RISK ASSESSMENT (SSRA)

The principal contractor (builder) should complete this SSRA before starting work, and keep a copy on file.

January 2009

SCOPE OF WORKS	Residential construction				
COMPANY		DATE		TIME	
SITE ADDRESS					
PERSON COMPLETING THIS ASSESSMENT (Print)		SIGNATURE			

PART 1

This checklist will help you to determine if you need safety and security fencing for your construction site.
If you tick 'yes' to any question, you may need to install fencing.

KNOWN HAZARDS AND POTENTIAL RISKS	Yes	No
Is the site near to other residential buildings where children may play out of site working hours?	<input type="checkbox"/>	<input type="checkbox"/>
Is the site near to local schools or routes that children may take home?	<input type="checkbox"/>	<input type="checkbox"/>
Are there excavations (confined spaces) on site – eg open trenches, utilities, pier holes or swimming pools?	<input type="checkbox"/>	<input type="checkbox"/>
Are there any impaling materials left on site – eg reo bars, nails in timber or form work materials?	<input type="checkbox"/>	<input type="checkbox"/>
Is there a potential for collapse – eg of concrete formwork or battered areas of soil from site cuts?	<input type="checkbox"/>	<input type="checkbox"/>
Are there deliveries of building materials to site?	<input type="checkbox"/>	<input type="checkbox"/>
Is there a potential for the public to be hit by falling objects related to the construction process on the site?	<input type="checkbox"/>	<input type="checkbox"/>
Is the public exposed to high-risk construction work, or plant and equipment?	<input type="checkbox"/>	<input type="checkbox"/>
Is there a potential for construction building debris (including wind-blown debris) to leave the site – ie inadequate waste containment?	<input type="checkbox"/>	<input type="checkbox"/>
Is there a potential for unauthorised access on this site by any individuals? Consider access: <ul style="list-style-type: none"> to hazardous materials to plant and materials overnight or when the site is unsupervised by climbing over or under the existing fence to electricity or services to scaffolding, upper storey floor levels, ladders or penetrations. 	<input type="checkbox"/>	<input type="checkbox"/>
Are there any other hazards on site that need to be isolated?	<input type="checkbox"/>	<input type="checkbox"/>
If you tick 'yes' to any question but choose not to install fencing, explain here how you will secure the site: _____ _____ _____ _____		
<p>Note:</p> <p>Consider installing safety signage – eg 'Danger – excavation' or 'Danger – no unauthorised access'.</p> <p>If it is not practical for you to use safety and security fencing (eg if space is restricted or the fencing itself could pose an additional hazard), you may be able to barricade off a danger area with a suitable hi-visibility mesh barrier, using 1.0–1.2 m high star posts.</p>		

making a difference

PART 2

This checklist will help you to ensure that your fencing meets health and safety requirements.

If you tick 'no' to any question, you need to address the issue before starting work.

(Only fill out part 2 if you are using fencing on your site – if not, proceed to part 3.)

CRITERIA FOR SAFETY AND SECURITY FENCING	Yes	No
Is the fencing constructed from suitable, dedicated materials with no holes or gaps?	<input type="checkbox"/>	<input type="checkbox"/>
Are the fencing panels difficult to climb?	<input type="checkbox"/>	<input type="checkbox"/>
Is access under or through the fence barricaded – ie no gaps throughout the construction process?	<input type="checkbox"/>	<input type="checkbox"/>
Is fencing erected on a firm foundation throughout the construction process?	<input type="checkbox"/>	<input type="checkbox"/>
Is the fencing installed on level ground – ie a lean of less than three degrees out of vertical?	<input type="checkbox"/>	<input type="checkbox"/>
Is the fence erected in a general straight line within the site boundary?	<input type="checkbox"/>	<input type="checkbox"/>
If you have temporary fencing, is it erected within the boundaries of the construction site? (If fencing protrudes onto public areas, you need permission from the council, and may need to install handrails, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
Are electrical turrets external to the installed fence?	<input type="checkbox"/>	<input type="checkbox"/>
Is fencing stable and able to withstand any anticipated loads to which it will be subjected – including wind loads, persons attempting to scale it, forces caused by people in heavy pedestrian areas or impact forces from vehicles or plant?	<input type="checkbox"/>	<input type="checkbox"/>
Is fencing installed in line with the designer's, manufacturer's and supplier's instructions and specifications?	<input type="checkbox"/>	<input type="checkbox"/>
Are adequate support brackets installed – especially if shade cloth, signage or advertisements are installed on any section of the fencing?	<input type="checkbox"/>	<input type="checkbox"/>
Are all fence fittings – including clamps – installed securely, with the nuts on the inside for added security?	<input type="checkbox"/>	<input type="checkbox"/>
Do fencing gates provide the same level of security as the rest of the fence? (Locks and chains should be fitted for added site security and safety.)	<input type="checkbox"/>	<input type="checkbox"/>
Are gates overlapped so they can be locked easily, and are they reasonably level for opening safely?	<input type="checkbox"/>	<input type="checkbox"/>
Does signage on the fence include relevant information – including 24 hour emergency contact name and telephone numbers, and the name of the builder?	<input type="checkbox"/>	<input type="checkbox"/>
Are all fencing panels handled safely and stored in the flat (horizontal) position?	<input type="checkbox"/>	<input type="checkbox"/>
Is the fence regularly inspected (weekly, dependent on the work and activities undertaken on site) to ensure it is safe, secure and still fit for purpose?	<input type="checkbox"/>	<input type="checkbox"/>
<p>Note:</p> <p>Your safety and security fencing must comply with the appropriate Australian Standard.</p> <ul style="list-style-type: none">• For demolition sites, refer to AS 2601 <i>Demolition of structures</i>.• For construction sites, refer to AS 4687 <i>Temporary fencing and hoardings</i>.• For ongoing site safety and security, refer to AS 1725 <i>Chain-link fabric security fencing and gates</i>. <p>Fencing can only be removed from the site when all hazards, including site waste, have been removed.</p>		

PART 3

This will enable you to provide evidence of your site-specific risk assessment and control measures.

- Identify all health and safety hazards on the site.
- For each hazard, rate the risk (1–6) and list the control measures you have taken to reduce the risk.
- Ensure that the revised risk level is 4–6 before you start work.

POSSIBLE RISK OF A HAZARD		Very likely	Likely	Unlikely	Very unlikely
Death or permanent disability		1	1	2	3
Long term illness or serious injury		1	2	3	4
Medical attention or days off work		2	3	4	5
First aid needed		3	4	5	6
Hazard identified	Risk (1–6)	Controls implemented		By whom	Revised risk (4–6)

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