

# Minimum Control Checklist – Tilt-up or precast concrete elements

## PART 1 – Minimum Controls Checklist details – Available on BSAFE

Work Order/Project #	
Name	
Contact Number	
Company	
Date & Time	

### Minimum Controls Checklist (Open)

Location of Work	
Description of Work	
Person in control of the work	
Confirm the following is in place:	<input type="checkbox"/> Site specific SWMS in place and reviewed in consultation with work group <input type="checkbox"/> Work area cordoned off or barricaded/ warning signs in place <input type="checkbox"/> Emergency exits / muster points / contingency plans understood <input type="checkbox"/> All workers have current licenses/certificates of competency for the works <input type="checkbox"/> Workers in the area have been advised about the panel lifts
The panels/pre-cast concrete are:	<input type="checkbox"/> Being delivered <input type="checkbox"/> Being poured on site
Has there been a panel plan supplied e.g. where the panels are to be cast or placed so the crane can lift the panels into position with limited movement / repositioning of the crane	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
For panels being poured onsite; has the pour been witnessed as a part of the ITP by a third party*	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Has a panel checklist been supplied by the engineer for:*	<input type="checkbox"/> Position of the ferrules <input type="checkbox"/> Position of the lifting lugs <input type="checkbox"/> Correct reinforcement <input type="checkbox"/> MPA of the concrete has been achieved through the curing process

### Lifting and Landing of Panels

Select the relevant controls in place for panel movements on site:*	<input type="checkbox"/> Crane panel lift plan in place <input type="checkbox"/> Ground conditions are suitable for the crane set up and lifting <input type="checkbox"/> Effective communication system between rigging / crane crew is in place <input type="checkbox"/> Lifting inserts have test certificates issued by a NATA or an equivalent testing authority
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	<input type="checkbox"/> Lifting inserts comply with the requirements of AS 3850 <input type="checkbox"/> Lifting insert has the company name listed on it <input type="checkbox"/> Lifting insert has: The length of the insert and capacity the insert can lift <input type="checkbox"/> Panels inspected prior to lifting – check lifting inserts for damage, cracking <input type="checkbox"/> Specified ferrules and plates provided in accordance with approved detail <input type="checkbox"/> Panels being lifted with edge lifters <input type="checkbox"/> Panels being lifted with face lifters <input type="checkbox"/> Levelling pads and shims are installed in accordance with shop drawings <input type="checkbox"/> All fixings are of the required type and grade as nominated on the shop drawings <input type="checkbox"/> All lifting gear certified tested and tagged <input type="checkbox"/> Safe height access is in place for the dogger releasing the slings from the landed panels <input type="checkbox"/> All joints of consistent width and as specified and within tolerance <input type="checkbox"/> Alignment of panels within tolerance
Any other details relating to the panel lifts or movements (detail)	
<h3>Bracing of Panels</h3> <p>Permanent identification plates should be clearly marked with:</p> <ul style="list-style-type: none"> <li>- The supplier or manufacturer</li> <li>- The model type or designation</li> <li>- For fixed length braces the WLL (KN)</li> <li>- For adjustable braces, the WLL(KN) at max and min extension</li> </ul>	
Select the relevant controls in place for bracing of panels*	<input type="checkbox"/> All braces have permanent identification plates <input type="checkbox"/> Evidence that braces are inspected prior to and after each use. <input type="checkbox"/> Brace adjustment mechanisms have stops on the threads to prevent over-extension <input type="checkbox"/> Braces are located at two thirds the height of the panel or as required by the engineer <input type="checkbox"/> Brace adjustment mechanisms have retaining devices to prevent dislodgment of locking pins <input type="checkbox"/> Locking pins are constructed so that they cannot be undone without the use of a tool
Please detail any other controls in place:	
Name:	
Signature	
Date	