



Safety alert!

October 2011

New precast panel certificate of compliance & checklist

From 1 October 2011, a new Manufacturer's Certificate of Compliance and Checklist will apply for the delivery to site of precast concrete panels. An example certificate is shown on the back of this *Safety alert*.

Whilst the page layout may vary, the information required must be included and provided to the crane crew **prior** to panels being unloaded on site. It must also be signed off by a **management** representative of the panel manufacturer (i.e. supervisor or higher). Consistent with the current Victorian Standard and National Code, the erection design engineer must also provide the rigging diagrams and any relevant technical information to the builder for the panel lift.

Following recent accidents involving failure of panel-lifter inserts, the CFMEU, precast manufacturers and their component suppliers determined that the new certificate should

Examples of straight and hooked tension bars attached to an edge lift insert



From 1 January 2012, all precast concrete panel edge lifter inserts must be anchored in the panel by a tension bar.

apply from 1 October. However, it was agreed that a three-month transition period apply, to allow already manufactured panels and components to work their way through the industry.

Accordingly, boxes 2 and 3 on the checklist overleaf may not need to be ticked off, due to the use of old stock or the panel being poured prior to the adoption of the new system. However, from **1 January 2012**, all three boxes on the certificate will need to be ticked to ensure compliance with the Victorian Standard and National Code of Practice.

In exceptional circumstances where an older panel that doesn't fully comply with the new requirements is to be sent to a site, the supplier will need to consult the CFMEU and, if appropriate, seek an exemption.

For more information, speak to your OHS Rep or call the CFMEU Safety Unit on 9341 3444.

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COMPANY LETTERHEAD

Date: / /

Manufacturer's Certificate of Compliance & Checklist Precast Wall Elements

To be completed and signed off by the manufacturer's management representative – Supervisor or higher.

Client: _____

Site address : _____

Project: _____

PANEL NO.	LENGTH	HEIGHT	THICKNESS	WEIGHT	TIME & DATE CAST	NOTES

- 1. Lifters have been checked for size and location as per approved shop drawings
- 2. Lifters have been checked to ensure that lift capacity is stamped on exposed top
- 3. Edge lifters installed with tension bar, in line with the manufacturer's recommendations

I, _____ on behalf of the manufacturer _____ state that the panel/s scheduled above, have been manufactured according to the approved shop drawings, AS3850, the National Code of Practice for Precast, Tilt-up and Concrete Elements in Building Construction, and the Victorian Industry Standard for Precast and Tilt-up Concrete for Buildings.

Concrete strength as recorded on delivery docket: 40MPa 50MPa 65MPa 80MPa Other _____

Lifting insert manufacturer _____ Type _____ WLL _____
(Lifters installed complete with tension bar, and shear bar installed in line with manufacturer's recommendations)

Signature: _____ Date: / / Position: _____

NOTE: Panels are to be handled, transported and erected as per AS3850, the Victorian Industry Standard ' Precast and Tilt-up Concrete for Buildings' and the National Code of Practice for Precast, Tilt-up and Concrete Elements in Building Construction. A copy of this Certificate and the manufacturer's technical information about each element (including details of the correct rigging formation for each element) must be supplied to the builder (and crane crew) by the erection design engineer prior to panels being unloaded on site.

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