

LIFT INSTALLATION – SUSPENDED WORK PLATFORM CERTIFICATION



This alert has been generated to ensure that all construction sites in Victoria are aware of the requirements of all suspended work platforms.

The term ‘suspended work platforms’ includes, but may not be limited to;

- (a) false cars; and
- (b) incomplete/decommissioned lift cars suspended via a Tirak hoist or similar.

Before any access into a lift shaft, there shall be established written rescue and recovery procedures, with nominated responsibilities clearly defined (refer alerts 38).

The following high risk licence considerations shall be maintained throughout the installation process;

- (a) the person performing the rigging work has the appropriate High Risk Licence (advanced); and
- (b) basic and intermediate riggers document hours and sign off from advanced rigger (log book).

Before any productive work is performed on the suspended work platform, a certification document must be completed by an advanced rigger.

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Information in the checklist must contain, but is not limited to, the following;

- (a) is the primary lifting point certified and proof tested prior to attachment of lifting equipment (main hoist and safety attachment at top of shaft)?;
- (b) are all lifting points designed and certified and marked with SWL?;
- (c) are all slings, shackles and chains tested?;
- (d) are all slings, shackles and chain blocks fitted with readable SWL tag?;
- (e) are all shackles moused (tied to prevent pin working loose)?;
- (f) does the fall guard have adequate mechanical strength?;
- (g) is the correct size hoist rope being used?;
- (h) is the hoist installed as per manufacturers recommendations?;
- (i) is there a travel limiting device fitted to the main hoist?;
- (j) does the travel limiting device operate before damage to the hoist rope occurs?;
- (k) has the free fall brake been fitted and adjusted?;
- (l) has the drop test been conducted?;
- (m) are motion alarms and lights fitted to the lift car?;
- (n) is the clearance between the front edge of the platform and the inside face of the liftwell 225mm? (Where no front wall is provided, the front of the platform should be guarded);

- (o) does the suspended scaffold have the appropriate SWL sticker attached?;
- (p) is the structure erected and installed as per the installation manual?;
- (q) does the installation of electrical wiring comply with the industry standard AS/NZS 3012?;
- (r) is the light fitted to the work platform mounted at least 2m above the platform?;
- (s) do the hand rails have a kick, intermediate and top rail in accordance with AS1657 and do they meet the design and test criteria?; and
- (t) is the hoist rope mechanically protected to a height of 2m?

DOCUMENTATION

Design drawings and calculations regarding;

- suspended work platform car design;
- total weight of components and corresponding hoist requirements; and
- SWL for roof structure and point loads as per EN81, AS1735 and AS4431 including calculations.

It is the recommendation of the ETU that the above provisions be in place prior to any productive work being undertaken on site.

Contact your designated Health & Safety representative, your local organiser, or David Tuddenham or Kris Gretgrix.