



SAFETY ALERT

A serious incident occurred recently on Palm Jumeirah when a section of falsework on a villa collapsed during the placing of concrete. Fortunately no persons were injured but the incident had the potential to be a lot more serious.

Investigation by EHS identified that the failure occurred as a result of a combination of poor materials and insufficient propping. It was also identified that there was no adequate design in place for the falsework. Although engineering checks were carried out these checks could not be made against a workshop drawing as one was not available for the section of falsework that collapsed.

All contractors must take note of the following points and immediately review their operations involving concrete falsework.

The following must be adhered to:-

- ➔ *A design must be carried out for all significant falsework requirements and workshop drawings must be prepared.*
- ➔ *The erection of falsework must be carried out by trained and competent workers as per the specification identified in the workshop drawing.*
- ➔ *Those checking falsework designs must be in possession of the workshop drawings and must check against these drawings.*
- ➔ *Materials must be checked prior to each use in accordance with the manufacturers recommendations.*
- ➔ *Final checks must be made prior to loading falsework and a 'Permit To Load' must be in operation.*
- ➔ *All props must have the manufacturers pin fitted, short lengths of rebar must not be used as pins under any circumstances.*
- ➔ *Different falsework systems should not be mixed as this invalidates the design and there could be incompatibility between systems.*

**For further information contact:
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