



## SAFETY ALERT

A worker for a 3<sup>rd</sup> party developers contractor received serious injuries as a result of falling from a maintenance platform fitted to the climbing frame at the top of a tower crane. The worker fell approximately 20 metres and landed on the top floor of the building under construction.

Investigation by EHS identified that the crane driver hoisted the load up under the platform in order to avoid collision with an adjacent crane. This resulted in the platform being displaced and falling along with the worker. Further investigation revealed that the platform was not bolted in place as required by the crane manufacturer and was only held on by its self weight. The supervisor for the crane maintenance work had failed to ensure that his workers fitted the bolts when fixing the platforms as 5 out of 7 of the platforms on the climbing frame were not bolted.

All contractors should take note of the following points:-

**For further information contact:  
Environment, Health and Safety  
Tel. No. (04) 8040318**

*The following must be given consideration:-*

- *Tower cranes must be erected, climbed and dismantled in accordance with the manufacturers specifications and crane manual.*
- *Those working on cranes must be competent to carry out the work safely.*
- *Any platform or staging must be secured to the crane as per the manufacturers instructions.*
- *The supervisor for crane erection and maintenance must ensure workers under his control follow all safety precautions and instructions.*
- *The crane plan must identify procedures to prevent collision between cranes. This should include anti-collision devices and a means of emergency communication between crane operators.*
- *In view of the high risk of such activities, regular safety briefings should be held by the supervisor to ensure that workers do not become complacent about following health and safety procedures.*

**Safety Alert 019 200606**