

Safety Alert

Crane stability

5th June 2019

Background information

In December 2018 a crawler crane destabilised (shown below) whilst being derigged for transport.

The crane was slewed at 90 degrees whilst the tracks were being brought in. The crane operator was injured as he left the cab. One lane of the motorway was closed before the carriageway was temporarily closed to allow the safe recovery of the crane.



Remedial actions

- A slew locking bar, shown above, has been fitted and work instructions revised to require it be fitted and locked in position before the track width is adjusted.
- The crane is then secured in-line with the chassis whilst prepared for transport.
- The crane manufacturer has identified an electro-mechanical solution that prevents the track width being adjusted if the jib is elevated at an angle greater than 20 degrees.

This will prevent the crane de-stabilising. This solution is available as an optional retro-fit circa £3000.