

No: IGS 190

Infrastructure Group Safety Bulletin

Derailment Risk - involving RRV's fitted with wide rail wheels

This bulletin is for the attention of;

Line & Project Managers, Possession Planners, Machine & Crane Controllers, Engineering Supervisors, Network Rail 'In Possession Operating Licence' holders and RRV Plant Suppliers.

Background

Following an incident where an RRV Excavator Crane derailed on a swing bridge that had been fitted with the Edilon Embedded rail system, this safety bulletin is issued to remind staff of the need to identify bridges and viaducts etc that may be fitted with these installations* or raised check rails*, at the planning stage.



The Edilon Embedded rail system being installed.



An RRV fitted with wide rail wheels derailing on the Edilon Embedded rail system

Planning arrangements

The planning arrangements must consider the risk of using wide rail wheel RRV's within the possession prior to the plant being ordered. Affected vehicles can be identified on the Limitations of use section of the Engineering Acceptance Certificate

RRV Operator briefing

Machine & Crane Controllers must check that any of the above hazards* that may exist in their work sites, are fully briefed to the RRV Operators prior to the commencement of work and that a suitable risk mitigation measure (on site marking/limitation of travel) is applied.

Wide wheel RRV's

Currently there are about 60 of these vehicles, mainly Gigarailers and Doosan Ultimate 260 machines. No further vehicles with these wide wheels will be constructed.

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