national highways

INFORMATION

Safety Alert

Overturned 9t Dual View Dumper

12 September 2024

The following pages of this safety alert were issued by:

Balfour Beatty

If you have any queries about this safety alert information announcement or any other safety announcement then please contact HealthSafety&Wellbeingteam@nationalhighways.co.uk

home safe and well

Safety Alert

Overturned 9t Dual View Dumper

On Thursday 22nd August 2024 a Dual View dumper overturned whilst manoeuvring on a site haul route.

What happened:

As part of the construction of a new road, material was being transported by a Dual View dumper from a stockpile approximately 100 – 150m to the required infill area. The route was along a 15m wide designated plant haul route.

The dumper was being loaded by a 15t excavator. Once loaded the dumper reversed away from the stockpile – the driver did not rotate the steering column of the Dual View dumper to drive away facing the direction of travel.

The operator attempted to undertake a 3-point turn on the 15m wide haul route. After completing the initial reversing movement, the operator moved in a forward direction with the loaded dumper skip in front of the cab. During this movement, with the view being obstructed by the loaded skip, the operator misjudged the width of the haul route and steered too close to the edge resulting in the dumper sliding down a 500mm drop and tipping over. The operator sustained a fractured wrist and a bruised shoulder.

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Findings:

1. The operator holds a red (trained operator) CPCS card for forward tipping dumpers and ride-on-rollers. The operator has been using dumpers for 1 year. During this period, the operator has only used traditional forward tipping dumpers. This was the first time that the operator has used a Dual View dumper. The operator had not attended a Dual View conversion course or undertaken familiarization training. The operator did not raise this during project on-boarding.
2. A short section of the haul road did not have edge protection.

Actions:

- New plant operators must be assessed to ensure they are familiar with the equipment they are required to operate to ensure they are trained to operate the equipment efficiently and safely.

- All designated plant and vehicle haul routes must be assessed and reviewed to ensure that edges are protected. Where this is not possible, the use of stop blocks or other physical barriers should be deployed.

- Supervisors must monitor plant operator behaviour and performance to ensure that safe operating controls are followed.

For further information please contact your project Health, Safety and Wellbeing representative.

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