

DELIVERY TRUCK INSPECTION CAMERAS

Ensuring delivery truck loads are evenly distributed within the tipper and trailer body through inspection cameras.

Using the EZYpole Modular Block System the project installed cameras to inspect bulk delivery truck loads.

The installation of the cameras provided the project the capability to inspect ALL bulk delivery truck loads prior to entering the project site, ensuring incidents related to delivery haul trucks were avoided.



Camera installed on EZYpole Modular Block System on site (left), EZYpole modular system in vertical position (center), Example of well distributed load (right.)

The Situation

Truck rollovers are a common risk in the construction industry, with incidents occurring frequently. Ground conditions such as cross slopes, grades and uneven surfaces can result in overturning, the likelihood of which is increased if the load sticks high in the tray.

On the Warrnambool Line Upgrade Project – Warrnambool Stabling Yard a trailer rollover incident occurred of which one of the root causes was unevenly placed fill material, i.e., most of the loaded material was placed to one side of the trailer.

The incident resulted in a need to inspect all bulk delivery truck loads. The project needed an innovation which was easy to transport, easy to assemble, easy to use, and easy to move around the project Site when required.

The Solution

The project team were able to engage with a provider called EZY Pole and come up with a solution which addressed all the projects safety concerns and challenges.

The EZYpole Modular Block System comprises of a Modular base system of up to 1120kg and an EZYlift pole at a height of 6.5m. By installing cameras onto the EZYpole Modular Block System the solution enabled the project to inspect all truck loads from above – approx.. 600 trucks inspected.

The project team adopted a design and system which was easy to transport, easy to assemble, easy to use, and easy to move around the project Site. These elements were a critical focus in the planning and success of this innovation.

Benefits and learnings

Due to the success of this Safety Innovation the project was able to eliminate all incidents related to bulk delivery truck loads.

The benefits of the EZY Pole Modular Block System were also seen in other areas of the project, with the innovation being able to be applied for other important activities across the project which included time-lapse videos and CCTV.

Other benefits:

- Cost benefit of approx. \$50,000
- Avoided workers being exposed to working at heights whilst inspecting trucks
- Reduced plant and equipment movements resulting in improved safety & efficiency

Program Office: Rail Projects Victoria

Work Package: Warrnambool Line Upgrade Project (Stabling Yard)

Principal Contractor: Downer

Solution vendor: EZYPole

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