

# Incident Notification – Traffic Controller Critical Incident

*Confidential*

<b>Alert No:</b>	0000-040-140.05 C&C-ALT 30	<b>Date of Incident:</b>	22/06/2022
<b>Project:</b>	Shepparton Line Upgrade Stage 2	<b>Classification:</b>	Actual: P5 - Catastrophic



## Incident Description

On Wednesday 22nd June, around 3:10pm a subcontracted haulage Truck & Trailer was delivering class 3 crushed rock materials to the Shepparton Line Upgrade Project. The materials were to be delivered to a laydown area accessed via a local and unsealed road adjacent to the rail corridor and level crossing. During the unloading process, the trailer tipped over onto its right side, contacting the Traffic Controller who was standing on the ground adjacent to the trailer.

## Immediate Actions

- The work crew stopped immediately and emergency services were contacted.
- The work area was preserved and WorkSafe Victoria were notified.
- Crisis Management Protocols were implemented by the Project Team.

## Critical Risk Controls Reminder

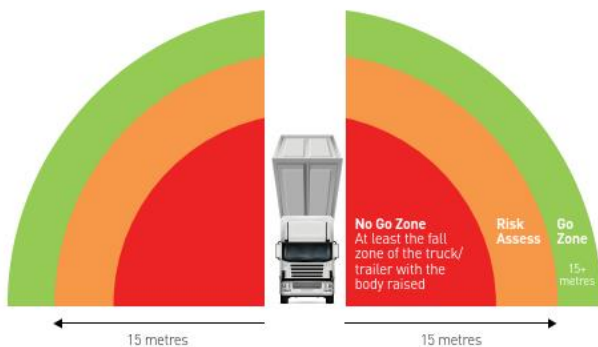
### Acciona Requirements – OMR 2 – Plant, Traffic and People

- 2.4 Loading and unloading zones are to be implemented, which minimise plant and people interaction.
- 2.11 Positive communication must be established and maintained between mobile plant, vehicles and people on the ground.

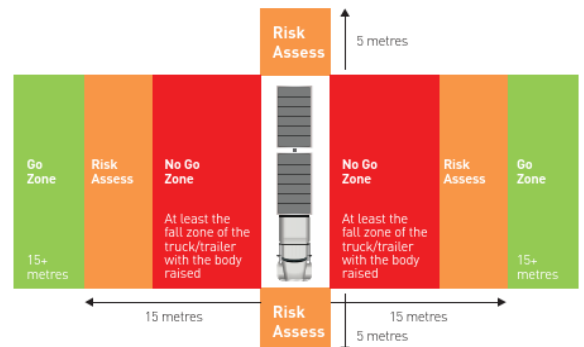
### Acciona Requirements – OMR 9 – Chain of Responsibility

- 9.6 Prior to undertaking loading/unloading of material and equipment exclusion zones must be clearly defined and identified.
- 9.7 Vehicle Management Plans must clearly identify loading/unloading exclusion zones.

## Recommended Tipper Unloading Zones



End Tipper Unloading Exclusion Zones – side view



End Tipper Unloading Exclusion Zones – helicopter view

## Exclusion Zones

- As truck & trailer hoists are raised, the centre of gravity raises increasing the risk of tipover if not on level and stable ground.
- Cement Concrete & Aggregates Australia** recommends a standard **15 metre** Tipper Unloading **Exclusion Zone** to the sides of the tipper truck be enforced when the truck is tipping/unloading material.
- A **5 metre** exclusion zone behind the truck/trailer should also be maintained whilst it is actually tipping/unloading.
- Exclusion Zones provide for a safe environment for truck unloading, including for semi's which have the highest tipping height of typically 10 metres.
- No personnel are permitted within these Exclusion Zones.
- Where a spotter is required, the spotter must be positioned in an area of safety e.g. from another item of plant or overlooking the site from an elevated position where practicable.
- Where this cannot be achieved spotters on the ground must remain outside the nominated Exclusion Zones and must:
  - Always ensure they have the plant in their vision (do not turn your back).
  - Maintain position communication between them and the operator.

## Ground Conditions

- No tipping is to occur on an ACCIONA site without inspecting ground conditions of the tipping area and ensuring ground conditions are stable, suitable and TWD/geotech are validated.
- Avoid tipping on a laydown/stockpile area where there is a cross slope or on uneven ground.
- Avoid tipping on soft ground that could cause the trailer to sink or lean.
- Based on the available tipping site, consideration should be made towards truck selection i.e. truck & dog, side tipper, bogie/tandem.

Developed By: Emma Sampson

Approved By: Paul O'Connell

This Alert is to be communicated to all personnel via toolbox talk discussion and posted on all available workplace notice boards.

Alert No:	0000-040-140.01 C&C-ALT 30	Date of Issue:	30/06/2022	
1.	What Date was this Incident Notification communicated to the workplace?	Date:		
2.	Could this event occur on your project/workplace? (Circle Answer)	Yes – Refer to Q3	No – Refer Q6	
3.	What control measures do you currently have in place that would eliminate or mitigate the potential for an occurrence of truck/trailer tip over and personnel excluded from the tipper unloading zone on your project?			
	Risk Control Measure			
	Risk Control Measure			
	Risk Control Measure			
	Risk Control Measure			
	Risk Control Measure			
4.	Are these control measures sufficient to prevent a similar event from occurring? (Circle Answer)	Yes	No	
5.	If answered No to question 4, has an action been raised in Lucidity to rectify?	Yes	No	
6.	Please note the reasons why this event could not occur within your project?			
Project Name:		Date:		
Completed By:		Name:		Position: