

Safe Delivery by Chute or Mobile Plant/ Wheelbarrows

If delivery is by chute or into wheelbarrows or mobile plant the customer/contractor has control of the discharge operation and is responsible for the safety of all personnel working close to the vehicle; the driver must ensure the body is not raised too high. It is recommended to have a 3 metre exclusion zone around the back of the vehicle and any mobile plant should be stationary with the handbrake on, the ignition key removed, and the driver situated in a safe location outside the exclusion zone.

The designated banksman must maintain visual contact with the driver at all times during the tipping – either directly or through the vehicle mirrors. Only when the tipping operation has halted, with the body lowered to a safe angle to prevent a sudden surge of material, and the vehicle engine switched off, can you then approach the rear of the vehicle to remove material.

Safe Trenches/Excavations

Vehicles should be restricted from the edges of trenches and excavations with safe distances being determined based on ground conditions, trench formation and support methods. Where vehicles are required to discharge into trenches/excavations suitable wheel stops should be provided.

Typical Vehicle Specification

6 Wheel Tipper	
Wheel base	5.5m
Length	9.7m
Height (tipped)	6m
Width	2.5m
Gross vehicle weight	26t
Turning circle	17.9m

8 Wheel Tipper	
Wheel base	7m
Length	10.6m
Height (tipped)	6.5m
Width	2.5m
Gross vehicle weight	32t
Turning circle	24.2m

Articulated Tipper	
Wheel base	4.1m
Length (combined)	16.4m
Height (tipped)	11m
Width	2.5m
Gross vehicle weight	44t
Turning circle	15m (tractor)

Note: These figures are for guidance only. They will vary for different vehicles



Further Information

CEMEX have available a range of product safety sheets, which outline any hazards and precautions that should be taken when handling our products.

Please visit cemex.co.uk

Aggregates Site Safety Guide

Essential information for CEMEX customers to assist in the safe delivery of materials

CEMEX has a target of zero injuries and does not accept unsafe working practices. All drivers are expected to ensure zero tolerance of any practices that could result in injuries and ill health, and contribute to ensuring a safe working environment by taking the necessary measures and following the correct practices.

This leaflet is designed to provide a guide to best practice based on our extensive experience in the safe delivery of our products and we hope you find it helpful in planning the safe management of your site.

Safe Access

Clear signage should be displayed at site entrances with suitable controls in place to ensure safe passage through to the delivery point.

Ground conditions must be stable enough to take a heavy vehicle. Paving slabs, domestic slabs, etc., will not accommodate the weight of a large goods vehicle.

Where it is necessary to use an access ramp, these should be formed with compacted material such that it is safe, stable and wide enough to allow for safe reversing where required. Tipping vehicles should only discharge on firm level ground with no visible crossfall and longitudinal slopes kept to a minimum.

Safety Above

Ensure you have identified overhead obstructions such as power/telephone cables, low structures, etc and that these are not present in the tipping area.

Safe Manoeuvring

A qualified banksman on site, wearing appropriate high visibility clothing, will reduce the risk of having an incident and help ensure that we deliver our materials to where you want them safely. Traffic routes should be planned to ensure reversing is kept to a minimum and one way systems enforced where practicable

Safe Walkways

Where possible we would ask that pedestrians are segregated from all forms of transport, preferably with physical barriers and designated walkways.

Safety Wear

Hard hats, long sleeved high visibility jackets, high visibility trousers, safety boots and safety glasses are the CEMEX minimum personal protective equipment (PPE) standards, with gloves for all manual work. If you have any additionally site specific requirements please inform us prior to delivery. Please help reduce injuries by ensuring all site personnel are wearing all necessary PPE.

Safe Discharge

The ground conditions for tipping vehicles should be firm and level and, if possible, not downhill. There should be room for an articulated vehicle to keep the tractor and semi-trailer in line.

Tipper, particularly articulated vehicles, are known to tip over. It is recommended that there is an exclusion zone around the vehicle of no less than 15 metres which nobody enters, including other vehicles/mobile plant during the tipping operation. The driver must release the tailgate before commencing tipping and remain in the vehicle, provided his vehicle controls allow for this, during the complete discharge.

Look After Yourself Look After Each Other

Look After Yourself Look After Each Other is number one of our 12 Safety Essentials. If the driver has any concerns with any safety aspect of the delivery he has the authority to stop the delivery until adequate control measures are in place.

