



# Bulk Cementitious 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.

### **Safety Above**

Ensure you have identified overhead obstructions such as power/telephone cables, low structures, etc.

### **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. During the delivery process, discharge pipes are trip hazards and therefore we ask that all pedestrians are excluded from this area until completion.

## **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. Safety goggles must be worn around the vehicle during the discharge process, both for the driver and any site staff who find it necessary to enter the area.

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.

## **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.



## Safe Discharge

Only the driver of the bulk tanker should operate the vehicle controls. The driver must remain in a safe position at all times near the vehicle controls where the high level visual and audible warning alarms can be easily acknowledged.

Silos and equipment should be inspected on a regular basis. Filters, pressure relief valves and high level alarms should be checked to ensure that they are working correctly and not damaged.

Drivers are instructed to suspend discharge if a dust emission occurs or the high level warning alarms activates. They will not recommence until the problem is rectified or there is sufficient room in the silo.

The driver is in control of the delivery at all times. Remember that tankers are pressurised vessels and therefore any contact with the vehicle which may cause damage must be avoided.

Other vehicles on site, particularly tippers, should be in an area away from the cement delivery. It is recommended that a 15 metre exclusion zone should be adopted around tippers as they have occasionally tipped over. This size exclusion zone is not always practicable, therefore the movement of pedestrians and other vehicles within this area should be controlled during the tipping process.

## 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](http://cemex.co.uk)

## 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.

## Cement Burns

Wet cement may cause alkali burns if in direct contact with the skin. You **MUST** wear the appropriate protective clothing at all times when working with cement, concrete and mortar.

## Typical Vehicle Specification

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

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