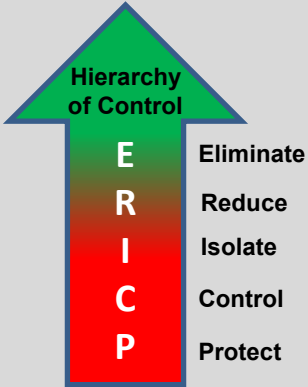


# SAFETY ALERT

## HiPO - Rigid Dumper Roll Over.



### DETAILS OF THE INCIDENT

A quarry operator was travelling back to the crusher fully loaded in a CAT 775G. The haul route had become slippery shortly after a down pour of rain. As the dumper approached one of the main ramps from the top of the quarry The operator engaged the correct gear with auto retarder. As the dumper descended the ramp at a speed of approximately 9mph it began to lose traction. The operator had no control over the steering causing the dumper to hit the bund on the opposite side of the ramp. The sideways impact of the bund caused the dumper to roll over onto the cab side & preventing a more serious incident. Luckily, the operator was shaken but thankfully unharmed.

### KEY FINDINGS

Driver Training	The employee has been with Cemex just over a year and has previous experience in mobile plant operation.
Inspections & Maintenance	<ul style="list-style-type: none"><li>Daily Pre Use checks were carried out with no defects found.</li><li>Service and Maintenance regime was in place and up-to date.</li><li>An external report was carried out on the vehicle with no report of defects related to the incident</li></ul>
Conditions / Behaviour	<ul style="list-style-type: none"><li>The Operator was travelling at 9.3mph, below the sites speed limit.</li><li>The operator was not using a mobile phone.</li><li>The operator was wearing a harness belt.</li><li>After a particularly long dry spell an unexpected heavy downpour of rain caused the ramp to become slippery.</li><li>Certain parts of the ramp had become steeper in gradient due to years of scraping.</li><li>A shovel was in the process of road maintenance on the ramp.</li><li>Bund heights were maintained correctly which prevented the Dumper from rolling over the edge.</li></ul>
Warning Signs	The ramp had been slightly slippery when wet with the water bowser for dust suppression. A decision was made to only suppress the dust on one side of the ramp (The Incline).
Follow Up	<ul style="list-style-type: none"><li>Post incident Alcohol test was completed &amp; the test was negative.</li><li>Ramp has now been built back up between 1 in 10 &amp; 1 in 12.</li></ul>

### HOW COULD THIS HAVE BEEN AVOIDED

- Correct ramp gradient maintained.
- Operators to pull over until Roads/Ramps are made safe.
- Risk assess driving conditions especially during significant weather changes & act accordingly. Stop & Think/Take 5
- Utilise Pix4D & Sodex technology to maintain Gradients.

### KEY REVIEW POINTS

- Driver training package and content inclusive of refresher on traction control, manual / auto retarder & gear selection.
- Haul road maintenance on gradients especially after adverse weather (heavy rain or snow)
- TAKE 5 to risk assess changes to driving conditions.



### Look after yourself and each other

Don't let anyone act unsafely, always stop unsafe practices.

### Driving

Drive safely, ensure you are authorised and that vehicles/mobile plant are well maintained.

### Safe Systems

Follow safe systems of work, site rules, signage and traffic signals.


**Seatbelts Save Lives**  
Wear your seatbelt and make sure any passengers do as well.




STOP THINK ACT

**Look after yourself and each other** 


Don't let anyone act unsafely, always stop unsafe practices.

**Get a grip** 


Hold handrails on stairways and use three points of contact when getting into/out of vehicles.

**Manual Handling** 


Use mechanical aids or ask for help to reduce risks.

**Driving** 

Drive safely, ensure you are authorised and that vehicles/mobile plant are well maintained.

**Isolation Procedures** 


Never work on live or moving machinery – always 'lock out'.

**Confined Spaces** 

Obtain a permit to work and always follow the safety requirements.

**Housekeeping** 


Keep designated access routes and work areas tidy and free from trip/slip hazards.

**Personal Protective Equipment** 


Always wear the correct PPE.

**Tools and Equipment** 

Use the right, well maintained, tools/ equipment for the job. Never make do.

**Safe Systems** 

Follow safe systems of work, site rules, signage and traffic signals.

**Working At Height** 

Use appropriate access equipment and fall protection.

**Incident/Hazard alerts** 


Report all incidents/hazards immediately.

  
**Safety Checks**  
Carry out your vehicle checks before driving and make sure your load is stable and secure.


  
**Do not Overtake**  
Unless it is safe and legal to do so.

  
**Journey Planning**  
Assess the risks and plan your journey to use the safest route.


  
**Mobile Phone**  
Use of a hand-held mobile phone whilst driving is prohibited.


  
**Seatbelts Save Lives**  
Wear your seatbelt and make sure any passengers do as well.


  
**Other Road Users**  
Stay alert to other road users, particularly motorcyclists, cyclists and pedestrians.


  
**Watch your Speed**  
Keep below the limit and adjust your speed to suit road and weather conditions

  
**Respect the Law and other Drivers**  
Know and follow the road rules and be courteous to other drivers.

  
**Keep a Safe Distance**  
Leave enough space between you and the vehicle in front so you can stop safely.

  
**Site Safety**  
Check for hazards when on site, be highly visible and assess the risks before unloading.

  
**Fit and Alert**  
Ensure you are fit to drive: hydrated, well rested, and free from the influence of alcohol and drugs.

  
**Remember**  
– Your family depends on you.  
So drive to arrive safely at all times!