

SAFETY ALERT

LTI – AGGREGATES – HIP CONTUSION

DETAILS OF THE INCIDENT

A contractor worker was standing on the track platform of an excavator, carrying out the usual checklist and level checks prior to the start of the working day. Upon finishing and making a body movement, one of his feet lost grip on the track surface (located approximately 85 cm above ground level) causing him to lose balance and fall to the ground. During the fall, the worker struck his hip. He was taken to a medical centre, where the relevant examinations were carried out. The specialist confirmed a hip contusion. Medical advice prescribed rest.

KEY FINDINGS

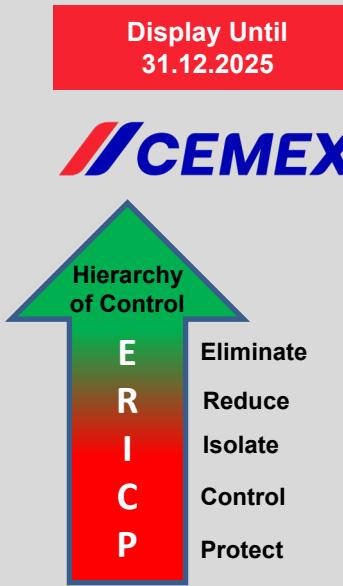
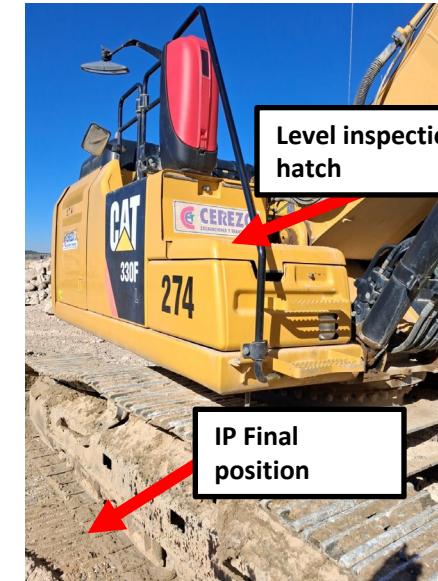
- ✓ The worker had both feet on the track at the time of the incident.
- ✓ He was wearing all mandatory PPE, including safety boots with correctly fastened laces.
- ✓ The checklist and level checks were being carried out in accordance with the established daily procedure. This was the only available access point.
- ✗ The task had not been assessed using the Take 5
- ✗ The track surface may have been wet due to morning dew at the time of the incident (early morning), which likely contributed to the slip and loss of stability. This was not identified as a risk by the worker, possibly also due to insufficient lighting.

HOW COULD THIS HAVE BEEN AVOIDED

- Check the condition of access surfaces (tracks, steps, platforms) at the start of the working day, especially during cold, damp or icy conditions.
- Assess whether the method for climbing, descending and checking levels can be reviewed to ensure these daily tasks are carried out safely and with stability.
- Ensure that areas where checks are performed have sufficient lighting to detect hidden or poorly visible hazards.

KEY REVIEW POINTS

- Ensure workers always maintain three points of contact when on machinery.
- Remind workers to take extra care during the early hours of the morning, when dew, frost or moisture can reduce grip when climbing on or off machinery or vehicles.



Get a grip

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

Housekeeping

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



Safety Checks

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



STOP THINK ACT

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Employee – Medical Treatment Case

DETAILS OF THE INCIDENT

At the customer site in Abu Dhabi, the pump helper tripped over his shoelaces and fell while carrying a water bottle. He did not report the incident that day because he felt fine and continued working. The following day, he experienced some pain in his left hand, so his supervisor sent him to the hospital for medical checks, and the hospital discharged him with a short arm splint applied to his forearm as a precaution for any minor, undetectable fissures (no fractures were found), then he back to his work.

KEY FINDINGS

✓ PPE The pump helper was wearing the required PPEs.

✓ Take 5 He completed his Take 5 assessment and was trained in its use.

✓ Induction & Training

- He completed the site safety induction and mandatory training.
- He joined the “Tight Shoelaces” toolbox talk a few days before the incident.

✗ Behavior He failed to tie his shoelaces correctly and didn't promptly notify the supervisor about the incident.

HOW COULD THIS HAVE BEEN AVOIDED

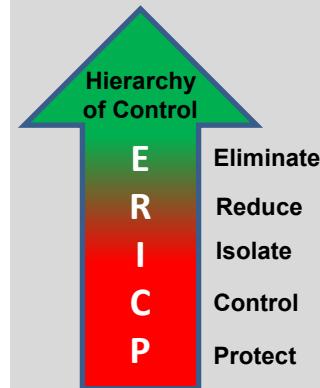
- All employees must always wear safety shoes with laces securely tied.
- Remind employees to inspect and properly tie their shoelaces before commencing work and during scheduled breaks.
- Conduct refresher training on workplace hazard identification, emphasizing slip, trip, and fall prevention measures.

KEY REVIEW POINTS

- Emphasize the importance of immediate reporting all hazards and incidents,
- Regularly check footwear and PPEs condition to ensure compliance.



Injured helper position



Personal Protective Equipment



Always wear the correct PPE.

Safe Systems



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



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HIPO – TIPPER ROLLOVER IN QUARRY

DETAILS OF THE INCIDENT

A subcontracted haulier transported concrete waste from the Cemex plant to the quarry for reprocessing. During unloading, the driver noticed an imbalance in the tipper body while tipping, which resulted in the body overturning. No personal injuries were reported.

KEY FINDINGS

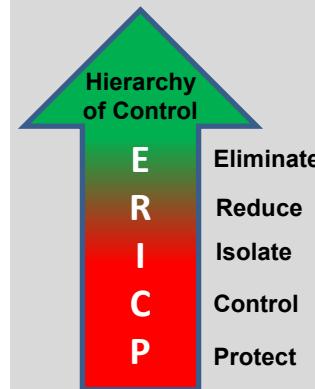
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|---|---|
| ✓ | The driver was familiar with the route and the unloading area, and the tipper body was correctly aligned with the cab. |
| ✗ | Unloading was carried out in an area with slight unevenness, despite the availability of nearby areas with more favourable ground conditions that had previously been used by other vehicles. |
| ✗ | The truck and the driver were not validated on the contractor control platform, and there was no evidence of specific driver induction regarding rollover risks. |
| ✗ | An uneven distribution of the load was observed during the rollover, with a higher accumulation of material close to the cab, generating an asymmetric load during lifting. |
| ✗ | The material had a higher-than-usual moisture content and exceeded the maximum allowable capacity of the aluminum tipper body. |

HOW COULD THIS HAVE BEEN AVOIDED

- Avoid loading materials with high moisture content that may increase adhesion to the tipper body and compromise unloading during tipping operations.
- Do not exceed the vehicle's maximum allowable load and ensure correct and even distribution of the material in the tipper body.
- When transporting concrete waste, steel tipper bodies are recommended.

KEY REVIEW POINTS

- During loading operations, site personnel and drivers must be aware of the type of material being loaded, the type of tipper body used, correct load distribution and the ground conditions at the unloading area.
- Drivers and vehicles must be authorized and validated on the contractor control platform.
- Confirm that heavy goods vehicle drivers have completed the required driver induction and are aware of rollover risks and the associated preventive measures.



Get a grip

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

Housekeeping

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



Safety Checks

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



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HIPO – Alternative fuel tipper Rollover

DETAILS OF THE INCIDENT

At the Alternative Fuels receiving area of a cement plant, two vehicles were positioned in parallel for unloading. One driver exited their cabin to assist the other, stepping outside the designated exclusion zone. During the unloading process, the trailer tipped to the right, impacting the adjacent vehicle's cab. No injuries occurred.

KEY RCA FINDINGS

- ✓ The driver has over 21 years of experience, including the last 9 years working regularly with tipper trucks.
- ✓ The unloading area was level and paved with concrete.
- ✓ The unloading area was clean and free of obstacles.
- ✓ Signs displaying the unloading rules were in place.
- ✗ Both drivers were not given a site induction; it was their first visit to the plant.
- ✗ The material was loaded unevenly by the supplier and it was found to be stuck on one side of the trailer – it was loaded in rainy conditions and then parked up for 24 hours in cold temperatures
- ✗ The driver began discharging while another tipper truck was parked parallel, without respecting the 15-meter safety exclusion zone.

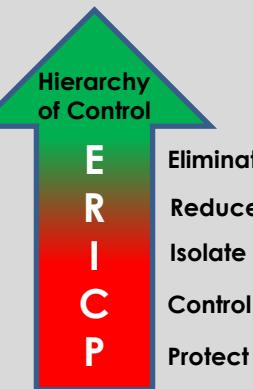
HOW COULD THIS HAVE BEEN AVOIDED

- Effective systems are in place that ensures all truck Drivers receive a suitable and sufficient site induction
- Unloading areas are regularly monitored and checked
- Tipping procedures are up-to-date, known and enforced
- Ensure drivers can detect any issues during the unloading process, such as stuck material, that could lead to a potential rollover.

- Trucks are properly loaded by trained people

KEY REVIEW POINTS

- Tipping does not take place on inclines, uneven, or soft ground.
- Exclusion zones (15M) and adequate signage in place.
- All drivers are informed, trained, and inducted on rollover prevention requirements and repeated periodically
- Consider alternative truck types e.g. 'walking floor trailers'



Site Safety

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

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.



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HIPO – MATERIAL FALL FROM ROOF

DETAILS OF THE INCIDENT

During lifting operations on the roof of the ready-mix plant, one of the pallets being lifted to be positioned on the roof became unstable. Part of the loaded material (aluminium profiles and technical sandwich panels being installed) fell through a nearby roof skylight, which was unable to withstand the impact and broke. Sections of the roof sheet and the falling material landed inside the plant, below the aggregates storage area. No workers were present below at the time of the incident. A concrete mixer truck was passing through the area, and some profiles struck the rear right mudguard of the vehicle.

KEY RCA FINDINGS

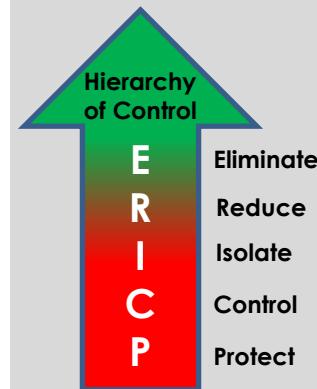
- ✓ The project included a lifting plan and a structural assessment of the roof in relation to the weight of the material (photovoltaic panels and pallets of profiles/panels).
- ✓ All workers from the contractor company had training and several years of experience in roof works and lifting operations
- ✓ The lower area beneath the roof work zone was free of personnel and the risk area for falling objects had been clearly signposted.
- ✗ The material on the pallets had been rearranged to reduce the weight of each pallet, but it was not properly secured or slung for lifting.

HOW COULD THIS HAVE BEEN AVOIDED

- When carrying out tasks with a risk of falling objects, cordon off the affected area at ground level to prevent the presence of people in risk zones.

KEY REVIEW POINTS

- The stacking of material on pallets must ensure that loads cannot move and that sling tension is minimised.
- Correct slinging of material loads is essential, and the type of slings used must be appropriate for both the load and the material.
- When working on roofs where there is a risk of falling objects affecting people below, consider installing safety nets or carrying out the work during periods with no plant activity.



Working At Height

Use appropriate access equipment and fall protection.

Safe Systems

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



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HIPO – CEMENT TRUCK ROLLOVER

DETAILS OF THE INCIDENT

After completing work at the customer's facilities and during the return journey, a contractor driver of a cement tanker truck suffered a rollover when entering a curve within the industrial estate where his base is located. The driver did not sustain any personal injuries.

KEY RCA FINDINGS

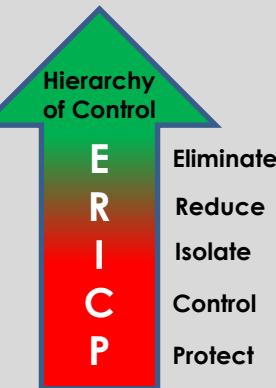
- ✓ The driver was authorised as a contractor and had achieved a score of 8 in his latest driving performance statistics.
- ✓ Road and visibility conditions were good, with dry and clean ground.
- ✓ The driver had completed the daily inspection checklist and the "5 Steps" driver booklet.
- ✓ The driver was familiar with the route and the curve taken.
- ✗ The investigation determined that the driver exceeded the speed limit for the curve (62 km/h), whereas the recommended speed for passenger vehicles is 40 km/h.

HOW COULD THIS HAVE BEEN AVOIDED

- Adapt speed to the actual road conditions (road surface condition, visibility, traffic, load being carried and vehicle type).
- Always drive in a fit and alert condition..

KEY REVIEW POINTS

- Reinforce to all drivers the mandatory requirement to comply with speed limits, paying particular attention to curves and turning areas, where the risk of rollover in heavy goods vehicles increases significantly.
- Ensure ongoing training in defensive driving and promote immediate communication of any road condition that may increase risk and should be reported.



Watch your Speed

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



Fit and Alert

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



STOP THINK ACT