# SAFETY ALERT

UK SA06/2021 – 10.06.21

**Display Until 31.07.21**

## HiPO – ARTICULATED TRUCK ROLLOVER (SOFT VERGE)

### DETAILS OF THE INCIDENT

An articulated tipper truck, loaded with clay, rolled over when it veered off the road onto the soft verge.
The vehicle ended up on its side in the hedge of a farmer's field.
The driver is reported to have had a sneezing fit immediately prior to the incident.
No other vehicle was involved and the driver was uninjured and passed the police checks (Breath test, etc.)

### KEY FINDINGS

- The driver had been supporting the haulier, who have the clay contract, for the previous 8 days, completing 38 deliveries via this route
- The driver was wearing his seatbelt, which helped avoid injury
- Tacho suggests the driver was travelling at 35mph, well within the 50mph limit when the accident occurred
- The driver had 11.5Hrs continuous rest prior
- The driver has held his Class 1 HGV license for 13Yrs with no notable accident history
- Weather was dry, visibility good, the road was wet
- Mobile phone checks confirm not in use while driving
- The driver suffers from hay fever and takes (non drowsy) medication
- This is the 3rd almost identical incident in the last 6 years which has involved our clay fleet, plus many other none CEMEX related incidents on this route

### KEY REVIEW POINTS

- Consider whether alternative routes are available that avoid known local hazard spots.
- Confirm Driver inductions make specific reference to known hazards, such as soft verges in this case.
- Liaise with local councils as appropriate to see if improvements can be made.
- Remind drivers of the need to drive to the road and weather conditions and wear their seatbelt…This helped avoid serious injuries in this incident.

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

**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.

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

STOP & THINK

# SAFETY ALERT

UK SA05/2021 – 10.06.21

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## LOST TIME INJURY – FRACTURED LEG

### DETAILS OF THE INCIDENT

A specialist contracting company was carrying out work to machine a 2.9 diameter fuel mill table in situ. The engineering approach was agreed with CEMEX Europe Maintenance Team and the Original Equipment Manufacturer. Machining in situ is inherently less risky, negating the need to remove the 11 tonne table. To remove the table requires altering the fuel mill casing which is a pressure vessel and explosion rated.

The contract company is an expert machining company with 70 years heritage & a global leader for on-site machining. Both contractor engineers were in the fuel mill at the time of the incident as the equipment requires local setup and operation (by design). Under normal operation, the machine rig moves around the circumference of the 2.9 meter diameter table at extremely slow speed (1 revolution every 45 minutes), machining the surface to incredibly tight tolerances. The fuel mill was fully isolated and both contractors had their personal locks on the correct isolation point. The contractor engineers decided not to follow the design principles for the equipment and they increased the size of the cutter head and kept the machine arm stationary whilst adjusting the position. Due to these decisions, whilst starting the next phase of the cutting, the cutter head dug into the fuel mill table, which caused the whole machine rig to unexpectedly move at a higher speed than the operating speed. The injured person was hit by the machine rig causing a fractured leg and lacerations.

### KEY FINDINGS

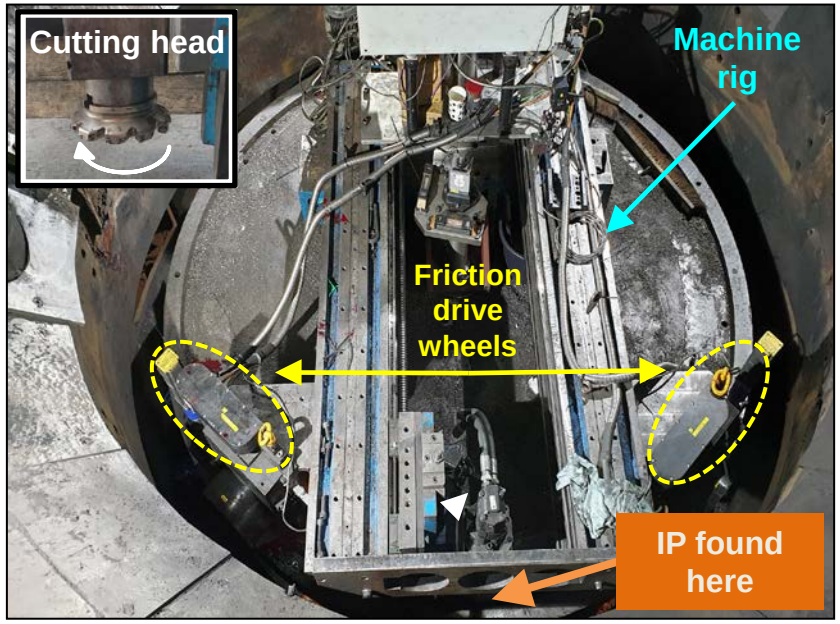
- Thorough induction completed prior to work commencing. Engineers were operating under a Permit To Work with Risk Assessment, Method Statement & WorkSafe. Fuel mill isolated correctly, and personal locks applied. No PPE issues. Avetta approved company, highly certified & expert in their field. Major overhaul planned and executed according to CDM Regulations 2015.
- The deviation from the complex operating procedure by the experienced and trained engineers could not have reasonably been anticipated or verified by the CEMEX supervisor for this extremely specialised task.
- CEMEX supervisor witnessed the incident and activated the site emergency protocols. CEMEX First Aid Responders provided invaluable medical support to the injured person, which has no doubt given him the best opportunity to make a full recovery. Site response team praised by the emergency services.

### KEY REVIEW POINTS

- Always follow Standard Operating Procedures. If something does change, stop, review the working method and carry out a revised risk assessment. If in dout, ask!
- Ensure emergency preparedness plans are up to date and regular drills are carried out.

### HOW COULD THIS HAVE BEEN AVOIDED?

Whilst the investigation concluded that the engineers deviation from the equipment design principles, this could not have reasonably been anticipated or verified by the CEMEX supervisor for this extremely specialised task. However, this incident is a reminder to **never deviate from the Standard Operating Procedures without assessing the implications by way of revised risk assessment. Always STOP and THINK!**




### Look after yourself and each other

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

### Safe Systems

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

### Tools and Equipment

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

STOP THINK ACT