Zero4Life

Safety Alert

HIPO

777 haul truck collision with pickup truck on Modiim Quarry

CEMEX

INCIDENT DETAILS

A boulder obstructed the normal haul road and temporarily changed the traffic flow in the working area. A pickup truck entered the area while a 777 haul truck was stopped nearby and then stopped unexpectedly on the right side of the 777 to allow a wheel loader to pass. The unplanned stop was not communicated to the 777 operator. The 777 operator resumed driving without seeing the pickup, which was positioned in the truck's blind spot, and both right-side wheels of the 777 ran over the pickup. No injuries occurred; however, the incident had fatal potential.

✓	All involved employees were trained, experienced and familiar with the quarry operations.
✓	Both the 777 haul truck and the pickup truck were equipped with the required safety devices. Pickup truck included the flag and flashing light. 777 haul truck included all required blind spots mirrors.
✗	The pickup entered the work area despite the non-routine traffic conditions created by the loader leaving its normal working position.
✗	The pickup traveled and stopped in close proximity to the 777 haul truck, within its blind spot.
✗	The pickup's unplanned stop was not communicated to the 777 operator.
✗	The change in traffic conditions was not adequately assessed and managed before operations continued.

REVIEW POINTS FOR ALL SITES

- Any change in normal traffic conditions must be assessed and controlled before operations continue.
- Light vehicles must maintain a safe distance from heavy mobile equipment and avoid blind spot areas.
- Any unplanned stop or change in vehicle movement must be clearly communicated to all involved.
- When conditions change, STOP and perform a Take 5 before proceeding.
- Do not rely only on the operator's visibility - ensure safe separation and clear communication between vehicles.
- Evaluate the use of in-cab technologies, such as proximity detection and collision warning systems, to improve operator awareness of nearby vehicles and pedestrians, particularly in blind spots.



Pickup - post-incident damage



Involved 777 Truck