



भारत सरकार
श्रम एवं रोजगार मंत्रालय
खान सुरक्षा महानदेशालय
बिलासपुर क्षेत्र सं -01



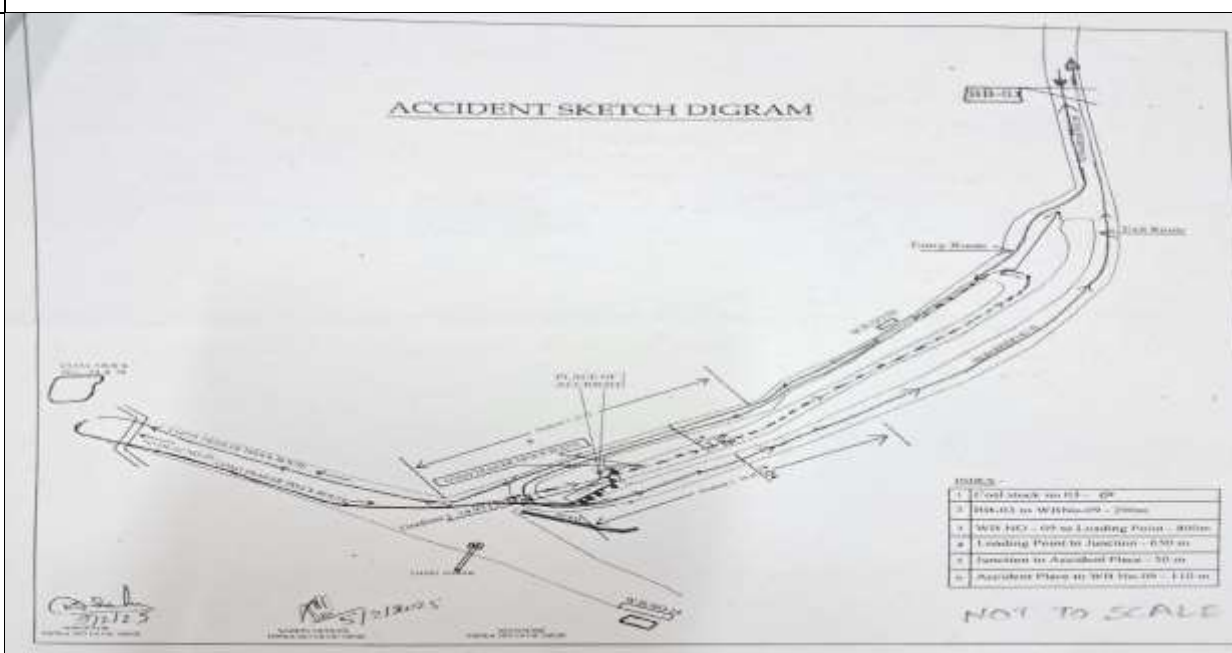
SAFETY ALERT:24

Bilaspur, dated 27.11.2025

SUBJECT: Fatal accident occurred due to **toppling of Truck-Trailer** at **Dipka No. 1A OC Mine** of M/s SECL.

1.	Name of Mine	:	Dipka No.1A Opencast Mine
2.	Name of Owner	:	M/s S.E.C.Ltd.
	District	:	Korba
	State	:	Chhattisgarh
3.	Mineral	:	Coal
4.	Date and time of accident	:	25.01.2025 at about 03:50AM Hours
5.	Place of accident	:	Coal Consumer's transportation road on aboveground at Dipka No. 01A Opencast Mine of M/s SECL.
6.	Killed	1	Name: Shri Aashish Daheriya, Designation: Outsider, Age: 24 Years; Experience: NA
7.	Seriously Injured	:	Nil
8.	Brief Cause	:	While a loaded 55 T articulated truck-trailer, after taking a turn was trying to change the lane in haul road in an opencast coal mine, it got imbalanced and the trailer swung to the right and due to its own weight, front part of the trailer toppled over the rear side of truck cabin to which rear left side got crushed due to impact thus causing serious injuries to person on back bench of the cabin whereas the driver escaped unhurt.

9. Sketch showing the accident:



10. Best Practices:

Haul Road Design & Maintenance

- Provide adequate road width as per DGMS guidelines for two-way heavy vehicle traffic, including additional width at curves to accommodate trailer swing.
- Maintain proper super-elevation on curves to counter lateral forces on articulated trailers.

Speed Control & Operating Discipline

- Enforce speed limits specifically for heavy articulated trucks, especially at curves, junctions, and during lane changes.
- Install speed breakers or rumble strips before sharp turns and critical road sections.

	Articulated Vehicle Stability Measures • Regular inspection of articulation joints, suspension, and trailer locking mechanisms to prevent abnormal swing. • Check load distribution to ensure even weight across the trailer; avoid overloading or uneven loading that can shift the center of gravity. Traffic Management & Signalling • Implement one-way traffic wherever road width is limited. • Use clearly marked lanes, reflectors, and signage indicating speed, curve radius, and overtaking restrictions.
--	--

***Safety Alert**, a tool utilized by DGMS, informs the mining industry about potential safety issues and offers recommendations to prevent such incident.

Directorate General of Mines Safety: 124 years in the service of the nation