



भारत सरकार/**Government of India**
 श्रम एवं रोजगारमंत्रालय/**Ministry of Labour & Employment**
 खान सुरक्षामहानिदेशालय/**Directorate General of Mines Safety**
 भुवनेश्वर क्षेत्र- 2/**Bhubaneswar Region 2**



SAFETY ALERT: 33

Dhanbad, dated 04.12.2025

SUBJECT: Fatal accident occurred due to hit by water Tanker at water filling point of Integrated Lakhapur - Belpahar-Lilari Opencast Project of M/s Mahanadi Coalfields Limited.

1. Name of Mine : Integrated Lakhapur-Belpahar-Lilari Opencast Project
2. Name of Owner : M/s Mahanadi Coalfields Limited
 District : Jharsuguda
 State : Odisha
3. Mineral : Coal
4. Date and time of accident : 08.09.25 at 06:10 hours
5. Place of accident : Water filling point junction lying near railway siding No.7.
6. Killed : Name: Sanjib Padhan
 Designation: Contractual Security Guard
 Age: 39 years
 Experience: 7 year 9 months
7. Seriously Injured : Nil
8. Brief Cause : While a person was washing his hands at a small water pool near the water tankers' filling point in an opencast coal mine, a truck was reversed and hit him, causing him to fall backward and hit his head on the concrete floor, due to which he succumbed.

9. Sketch showing the accident:



10. Best Practices:

Engineering & Infrastructure Controls

a) Designated Safe Zones:-

- Create dedicated pedestrian-safe areas near water tanks, washing points, drinking water points, and rest shelters.
- Prohibit pedestrian movement in vehicle operating zones, especially near reversing paths.

b) Controlled Water Filling Points:-

- Develop **separate lanes** for trucks/tankers approaching the water-filling point.

- Provide **barriers/railings** or **physical segregation** between: Pedestrian washing/drinking points, Truck movement/parking/reversing area
- c) Fixed Rear-View Aids
 - Install **convex mirrors**, **rear cameras**, and **proximity sensors** at strategic blind-spot areas.
- d) No reversing without ensuring a safe, clear rear zone.
- e) Infrastructure and SOPs must reinforce separation of people and heavy vehicles.