



संयुक्त राष्ट्रसंघ
ONE EARTH - ONE FAMILY - ONE FUTURE

भारत सरकार/ Government of India
श्रम एवं रोजगार मंत्रालय/ Ministry of Labour & Employment
खान सुरक्षा महानिदेशालय/Directorate General of Mines Safety



DGMS Safety Alert: 07/2025

dated

14.08.2025

SUBJECT: FATAL ACCIDENT DUE TO FALL OF ROOF IN AN UNDERGROUND MANGANESE MINE

1. Name of Mine : Chikla Mn Mine
2. Name of Owner: : M/s MOIL Limited
3. District : Bhandara
4. State : Maharashtra
5. Mineral : Manganese
6. Date and time of accident : 05.03.2025, 09:00 AM
7. Place of accident : Ch-2845 stope between -270'L and -170'L.
8. Killed : Arun Jivanlal, , Designation: UG PR worker, Age : 41 Years, Experience : 09 Years
Vijay Nandlal, Designation: UG PR worker, Age : 49 Years, Experience : 19 Years
9. Seriously Injured : Shankar Sahdev, Designation: UG PR worker (Driller), Age : 57 Years, Experience : 32 Years
10. Brief Cause : "While a support crew of three persons were erecting chock mate to support the roof in the stope of an underground metalliferous mine, suddenly a part of roof measuring 5.0 m (length) X 3.0 m(width) x 2.5 m(thick) separated from the roof from a height of about 5.4m fell down over two support crew inflicting fatal injuries to them and serious injuries to other support crew."
11. Sketches showing the accident:



12. Best Practices:

1. Conduct thorough examination of the roof and hanging wall before starting any support work in the stope.
2. Identify geological discontinuities (joints, bedding planes, slips) and weak strata using visual inspection and sounding.
3. Use temporary supports (e.g., hydraulic props, telescopic chocks, fore-poling) before final chock mate installation to minimize exposure.
4. Design supports as per the *Strata Control Plan* approved for the mine.
5. Maintain adequate overlap between previously supported and to-be-supported roof areas to avoid large

unsupported areas.

6. Train all support crews in hazard recognition, safe erection procedures, and emergency withdrawal.
7. Conduct periodic refresher training and mock drills for fall-of-ground emergencies.

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: 125 years in the service of the nation