

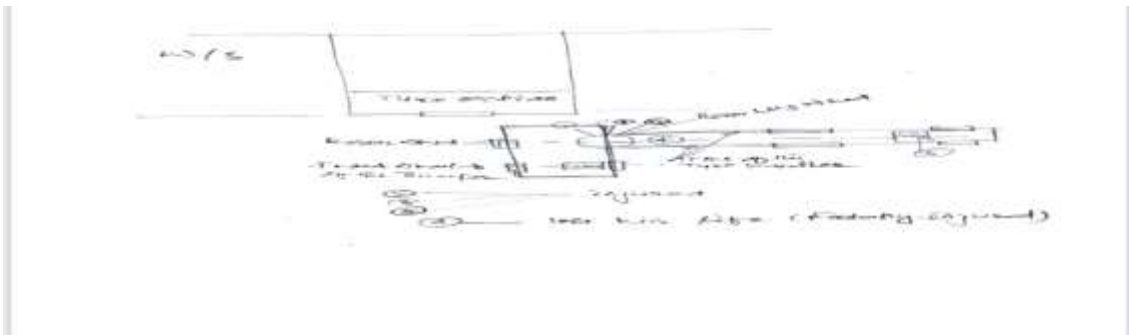
No. Safety Alert/15

dated 22.08.2025

SAFETY ALERT:

SUBJECT: Fatal accident occurred due to (cause) "While replacing rear left hand tyre of 100 ton Dumper at workshop of an opencast mine, instantaneous release of compressed air from the tyre assembly and throwing away of the Rim and flanges of the tyre assembly, hit one the workers in its trajectory resulted in killing one of them on the spot, the other three escaped with minor injuries".

1. Name of Mine : Gua Ore Mines.
2. Name of Owner : M/s SAIL.
District : West Singhbhum.
State : Jharkhand
3. Mineral : Iron Ore
4. Date and time of accident : 22.06.2025 and 04:10 PM
5. Place of accident : workshop of an opencast mine
6. Killed : Name: Late Charan Purty
Designation: fitter helper
Age: 56
Experience: 30 years in fitter helper (work) Operation.
7. Seriously Injured : Nil
8. Brief Cause : While replacing rear left hand tyre of 100 ton Dumper at workshop of an opencast mine, instantaneous release of compressed air from the tyre assembly and throwing away of the Rim and flanges of the tyre assembly, hit one the workers in its trajectory resulted in killing one of them on the spot, the other three escaped with minor injuries.
9. Sketch showing the accident:



10. Best Practices
 1. Always use tyre safety cages during inflation/deflation and Conduct NDT (Non-Destructive Testing) on rims for cracks or fatigue.
 2. Follow standard tyre maintenance SOPs strictly, Deflate tyres completely before dismantling and Keep a safe exclusion zone during tyre work.
 3. Conduct refresher training for all maintenance staff, Introduce visual aids and danger markings around high-risk areas and Train workers in emergency response procedures.
 4. Regularly audit tyre maintenance procedures and Ensure supervisor is always present during high-risk operations.

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