



सत्यमेव जयते

भारत सरकार  
श्रम एवं रोजगार मंत्रालय  
खान सुरक्षा महानदेशालय



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आज़ादी का  
अमृत महोत्सव

### SAFETY ALERT: 41

Dhanbad, dated

**SUBJECT:** Fatal accident occurred due to toppling of Loader at Joda East Iron Mine of M/s. TATA Steel Limited.

1.	Name of Mine	:	Joda East Iron Mine
2.	Name of Owner	:	M/s. TATA Steel Limited
	District	:	Keonjhar
	State	:	Odisha
3.	Mineral	:	Iron Ore
4.	Date and time of accident	:	12.07.2025; 09:15 AM
5.	Place of accident	:	Approach Road (Ramp) to Parking Area, 3MPTA Plant
6.	Killed	:	Name: Rajesh Kumar Nayak Designation: Loader Operator (contractual) Age: 27 Yrs Experience: 09 months.
7.	Seriously Injured	:	NIL
8.	Brief Cause	:	"While a contractual loader operator, who was continuing to work in first shift after working during the preceding night shift in an opencast iron ore mine, was taking a loader from the mine's stock yard to parking area during the tea break and was negotiating a down gradient, he failed to control the loader when the loader went off the road after climbing on to the left side berm and toppled down into a depth of about 11 m, inflicting him serious head injury to which he succumbed after one week while undergoing treatment in a hospital."
9.	Sketch/photograph showing the accident:		
			
10.	Best Practices:		<ul style="list-style-type: none"> <li>Prohibit continuous working across night and day shifts without adequate rest.</li> <li>Ensure strict compliance with statutory working hour limits and mandatory rest periods.</li> <li>Supervision to confirm equipment is not operated by fatigued operators during breaks.</li> <li>Maintain haul roads with: Adequate width and gradient within permissible limits and non-slippery surfaces, especially on down gradients.</li> <li>Ensure loaders are equipped with: Effective service brakes and parking brakes, Retarders or engine braking systems, ROPS and FOPS and Functional seat belts (mandatory use)</li> <li>Carry out pre-shift and post-shift inspections, with special focus on braking systems and steering.</li> </ul>

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

**Directorate General of Mines Safety: 125 years in the service of the nation**