



Work Safety Alert **A Worker Rammed into a Rock**

- 1. Date of Accident :** May 2021
- 2. Place of Accident :** A construction site
- 3. Summary :**

While a worker was operating a dumper to transport a large rock down a ramp on a construction site, the rock suddenly fell out of the skip of the dumper. The dumper was stopped and the worker was thrown out from the driver's seat. He rammed into the rock and sustained fatal head injury.

4. Work Safety Alert for Contractors/ Proprietors :

To ensure the safety of workers/ employees engaged in loadshifting operations by means of a dumper or similar machinery, contractors/ proprietors should provide and maintain a safe system of work which should include, but not limited to, the following:

- appointing a competent person to conduct task-specific risk assessments to identify all potential hazards associated with the work, taking into account the size, shape and weight of the loads to be handled and the work environment, with particular attention paid to the travelling routes and road conditions;
- formulating safe work methods and procedures for the work with due regards to the results of risk assessments, and following the requirements of safety legislation and relevant safety guidelines;
- ensuring that a suitable dumper or machinery is selected with due consideration of its limitations;
- ensuring that the dumper/machinery has been inspected, tested and examined regularly and properly maintained before it is used;



- ensuring that the dumper/machinery is not used to handle a load greater than its safe working capacity;
- ensuring that the load is securely fixed in the skip of the dumper/machinery and carried in a stable manner;
- checking the slope limit of the dumper/machinery whenever it is required to work on a slope or travel on an inclined road;
- ensuring that the dumper/machinery is operated by a person who is competent and holds a valid certificate relevant to its type;
- providing an operator restraint system or a suitable seat belt to the dumper/machinery;
- where a seat belt is provided, ensuring that the operator is using the seat belt properly while operating the dumper/machinery;
- providing the dumper/machinery operator and workers/ employees concerned with the necessary information, instruction and training and ensuring that they are familiar with the safe work procedures and safety measures; and
- establishing and implementing an effective monitoring and control system to ensure all safety measures are strictly followed.

5. Reference :

- [Safe Systems of Work](#)¹
- [Five Steps to Risk Assessment](#)¹
- [A Guide to the Factories and Industrial Undertakings \(Loadshifting Machinery\) Regulation](#)¹
- [Guidance Notes on Safe Use of Loadshifting Machines for Earth Moving Operations on Construction Sites](#)¹

¹ Click to view document



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Note: The material contained in the Alert is not exhaustive, and will be supplemented/ adjusted where necessary if more relevant information comes to light.