



Work Safety Alert Trapped by Moving Parts of a Concrete Batching Plant

1. **Date of Accident :** October 2015

2. **Place of Accident :** A concrete batching plant

3. **Summary :**

While a worker was using a shovel to clean up debris around the revolving conveyor belt of a concrete batching plant, the shovel was dragged into the nip between the revolving belt and a guiding roller, causing him to be trapped in between the belt and the shovel handle. The worker passed away on the same day.

4. **Work Safety Alert for Proprietors/Employers :**

To prevent workers from being endangered by any dangerous/ moving parts of machinery during cleaning of the machinery and its vicinity, the proprietor/ employer 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 taking into account the operation of the machinery, the nature of work, the tools being used and the working environment to identify all associated potential hazards;

- formulating safe work methods and procedures for the cleaning work with due regard to the result of the risk assessments;

- taking adequate steps to avoid any persons being endangered by any moving parts of the machinery, including providing effective guarding to all dangerous parts and/or fencing off danger zones where moving parts exposed with suitable barriers;



- where temporary removal of the guarding/ barriers to the dangerous parts/ exposed moving parts cannot be avoided during the cleaning work, adopting a permit-to-work system such that, among others, the power supply of the machinery is switched off and locked so long as the work is in progress;
- displaying warning notices at prominent positions to alert workers to the hazards associated with the operation of the machinery;
- providing the workers involved with necessary safety information, instruction and training to ensure that they are familiar with the safe work procedures and safety measures; and
- establishing and implementing an effective monitoring and control system to ensure strict and full compliance with all the above safety measures.

5. Reference :

- [Five Steps to Risk Assessment](#)¹
- [Handbook on Guarding and Operation of Machinery](#)¹
- [A Guide to the Factories and Industrial Undertakings Ordinance \(Section 6A\) - General Duties of Proprietors](#)¹
- [Five Steps to Information, Instruction and Training](#)¹

¹ Click to view document



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