



Work Safety Alert

Entangled with the Revolving Part of a Bench Type Drilling Machine

1. Date of Accident : March 2015

2. Place of Accident : In a garage

3. Summary :

A worker was throttled by the long sleeve of his coat being entangled with the revolving drill bit of a bench type drilling machine and subsequently passed away.

4. Work Safety Alert for Proprietors/Employers :

To prevent workers from being entangled by the revolving parts of a drilling machine, proprietors/employers should:

- conduct a task-specific risk assessment taking into account the nature of the operation, the machine used and the work environment;
- formulate appropriate safe working procedures for the operation of the drilling machine with due regard to the results of the risk assessment;
- take adequate steps to avoid workers from coming into contact with any dangerous parts, including the revolving parts of the drilling machine in the course of machine operation, such as the provision of effective guarding to all dangerous parts;
- ensure that the drilling machine is equipped with an efficient starting and stopping device and that the control of such device is designed and constructed with due regard to the safe operation of the machine and so positioned as to be readily, conveniently and safely operated;



- ensure that workers are not wearing loose clothing or gloves while operating the drilling machine;
- display warning notices at prominent positions to alert workers of the entanglement hazard;
- provide necessary safety information, instructions and training to the workers involved in drilling operation; and
- develop and implement an effective monitoring and control system to ensure that the above safety measures are strictly followed.

5. Reference :

- [Five Steps to Risk Assessment](#)¹
- [Safe Systems of Work](#)¹
- [Handbook on Guarding and Operation of Machinery](#)¹

DISCLAIMER

This Work Safety Alert (“the Alert”) is issued at the earliest possible opportunity after a serious accident with a view to drawing the attention of interested parties to the general safety precautionary measures necessary to protect people engaging in similar work activities. The material contained in the Alert constitutes general guidance only. It does not reduce, limit, or replace, any legal obligations upon any person to comply with any statutory duties under relevant legislation. Users such as Managers and Supervisors should make their own evaluation of the information contained in the Alert to determine if it can be applied to their own situations and practices. The Labour Department does NOT accept any responsibilities for any loss or damage resulting from the use of or failure to use of the information on the Alert.

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