



Work Safety Alert

Crushed by an Overturned Hollow Metal Cylinder

1. **Date of Accident :** April 2017
2. **Place of Accident :** In a workshop
3. **Summary :**

A worker was crushed by an overturned hollow metal cylinder while he was preparing to cut the said hollow metal cylinder. He sustained serious bodily injury and passed away on the same day.

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

To ensure the safety of workers/ employees engaged in metal cylinder/ casing/ piping cutting or other work, the proprietors/ employers should provide and maintain a safe system of work which should include, but not limited to,

- appointing a competent person to conduct task-specific risk assessments to identify all potential hazards associated with the work, taking into account the size, weight, shape and stability of the workpiece, the working environment and the required equipment for the support of the cylinder/ casing/ piping;
- formulating safe work methods and procedures for the work, including the setting up of the support for the cylinder/ casing/ piping and the cutting or other necessary equipment so as to eliminate all potential hazards that are identified in the risk assessments;
- avoiding entry into the cylinder/ casing/ piping during work as far as practicable;



- using suitable and adequate means of support for the cylinder/ casing/ piping with due regard to its size, weight and shape to ensure the balance of the workpiece so as to prevent accidental slip or overturning;
- ensuring that the support of the cylinder/ casing/ piping is securely placed on firm and level surface;
- as far as reasonably practicable, ensuring that any hollow metal cylinder/ casing/ piping that is prepared for cutting or other work should at all times be secured in position by a lifting appliance, such as a gantry crane or a winch, to prevent overturning as a result of accidental displacement;
- if work-above-ground is required, providing suitable working platforms such as light-duty working platform where appropriate for the work and ensuring that all workers concerned use them properly during the work;
- providing all workers/ employees concerned with the necessary safety 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
- [Five Steps to Information, Instruction and Training](#)¹
- [A Casebook of Fatal Accidents related to Work-at-height](#)¹

¹ Click to view document



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