



## Work Safety Alert

### Struck by Topped Metal Frame of a Reverse Circulation Drilling System

1. **Date of Accident :** April 2018
2. **Place of Accident :** A construction site
3. **Summary :**

While a team of workers was engaged in dismantling the metal frame of a reverse circulation drilling system, the metal frame suddenly toppled and hit one of the workers, causing serious injury to him.

#### 4. **Work Safety Alert for Contractors/ Employers :**

To ensure the safety of workers/ employees engaged in the dismantling of reverse circulation drilling system, the contractors/ employers 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 nature of work and working environment;
- formulating task-specific method statements and procedures detailing the proper sequences of work with due regard to the results of risk assessments, and the instructions and specifications prescribed by the manufacturer of the plant;
- appointing a competent person who has been adequately trained and possesses sufficient experience to oversee and control the work to ensure that the dismantling work is carried out strictly following the safe work methods, procedures and safety measures;



- ensuring that any structure, parts and components of the reverse circulation drilling system being dismantled are securely suspended or supported in such a way that they will not topple or become unstable while being dismantled;
- designating and properly barricading an operating zone for the dismantling work with warning notices displayed at prominent positions to prevent unauthorised entry into the zone;
- providing the workers/ employees involved with necessary safety information, instruction and training to ensure that all workers are familiar with the safe work procedures and safety measures; and
- establishing and implementing an effective monitoring and control system to ensure that the above safety measures are strictly followed.

## 5. Reference :

- [Safe Systems of Work](#)<sup>1</sup>
- [Five Steps to Information, Instruction and Training](#)<sup>1</sup>
- [Five Steps to Risk Assessment](#)<sup>1</sup>

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### 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.

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

<sup>1</sup> Click to view document