



Work Safety Alert

Struck by the Auxiliary Hook of a Crawler-mounted Crane

- 1. Date of Accident :** April 2015
- 2. Place of Accident :** A civil engineering site

3. Summary :

While the auxiliary hook of a crawler-mounted crane was being raised for the subsequent crane dismantling work, the hook was dragged over the boom tip which dropped and hit against the driving cabin below and struck the operator therein to death.

4. Work Safety Alert for Contractors/Employers :

To ensure the safety of workers engaged in dismantling of mobile cranes, including the preparatory work, 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 before commencement of any dismantling operation, including the preparatory work, on mobile cranes;
- formulating detailed safe working procedures and adopting appropriate safety measures for dismantling of mobile cranes with due regard to the results of risk assessments and the crane manufacturer's instruction;
- ensuring that all the safety devices such as motion limit devices are regularly checked and properly maintained in accordance with the manufacturer's instructions to confirm their state for safe operation;



- appointing a competent person to carry out routine visual inspection and physical test of all limit devices to ensure that the devices are in a good order before the operation;
- designating and properly barricading areas with suitable warning notices displayed for dismantling of mobile cranes;
- ensuring that the crane dismantling work is carried out safely under the direct supervision of a person who is competent by virtue of his knowledge and practical experience;
- providing the workers involved with necessary safety information, instruction and training to ensure that they are familiar with the safe working procedures and safety measures; and
- establishing and implementing an effective monitoring and control system to ensure that strict and full compliance with all the above safety measures.

5. Reference :

- [Five Steps to Risk Assessment](#)¹
- [Safe Systems of Work](#)¹
- [A Guide to the Factories and Industrial Undertakings \(Lifting Appliances and Lifting Gear\) Regulations](#)¹
- [Code of Practice for Safe Use of Mobile Cranes](#)¹
- [《地盤意外個案簡析系列 – 流動式起重機》](#)¹ (Chinese Version Only)

¹ Click to view the document



職業安全及健康部
Occupational Safety and Health Branch
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Labour Department



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