



Work Safety Alert

Trapped by the Lifting Jib of a Truck-mounted Crane

- 1. Date of Accident :** September 2015
- 2. Place of Accident :** A car park in open area
- 3. Summary :**

A crane operator was trapped to his death by the lifting jib of a truck-mounted crane during unloading operation.

4. Work Safety Alert for the Owners/Proprietors:

To ensure the safe use of a mobile crane, the crane owner/ employer should provide and maintain a safe system of work which should include, but not limited to, the followings:

- appointing a competent person to conduct task-specific risk assessments of the crane operation and identify all associated potential hazards;
- devising and implementing a lifting plan covering selection of crane/ lifting gear, siting of crane and other control measures for the lifting operations;
- formulating safe work methods and procedures for the lifting operations with due regard to the results of risk assessments;
- ensuring that the mobile crane is certified to be in safe working order before it is used through tests and thorough examinations by a competent examiner and regular inspections by a competent person;
- demarcating a danger zone for the lifting operations and exercising strict access control measures with suitable warning notices in place to prevent unauthorised man-entry into the zone during the lifting operations;



- appointing a competent lifting supervisor to oversee and control the lifting operations;
- ensuring that the mobile crane is only operated by a person who holds a valid certificate and is competent to operate the crane by virtue of his experience;
- providing the operator and 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
- [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 document



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



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