



Work Safety Alert

Trapped by the Jib of a Truck-mounted Crane

1. **Date of Accident :** June 2017
2. **Place of Accident :** At roadside

3. **Summary :**

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

4. **Work Safety Alert for the Owners/ Contractors/ Employers:**

To ensure the safe use of truck-mounted crane for lifting operation, the crane owner/ contractor/ 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 to identify all potential hazards associated with the crane operation, taking into account the size and weight of the loads, ground conditions and the working environment;
- formulating safe work methods and procedures for the lifting operation with due consideration of the results of risk assessments, including the implementation of a lifting plan covering the selection of suitable crane/ lifting gears, proper siting of the crane, etc.;
- ensuring that the truck-mounted crane has been certified in safe working order through tests and thorough examinations by competent examiner and regular inspections by competent person before it is put into operation;



- appointing a competent and experienced lifting supervisor to oversee the lifting operation to ensure that all risks are effectively managed;
- ensuring that all lever controls are so designed and constructed that they will return to their neutral positions automatically when released, and each lever control is clearly marked to indicate its purpose and the mode of operation;
- ensuring that the truck-mounted crane is only operated by a person who holds a valid relevant certificate and is able to operate the crane safely by virtue of his experience and competence;
- providing the operator and the workers/ employees 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 :

- [Safe Systems of Work](#)¹
- [Five Steps to Risk Assessment](#)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\(Chinese Version\)](#)¹

¹ Click to view document



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