



MOBILE CRANE TILTED IN A CONSTRUCTION SITE AT TUNG CHUNG AND ONE WORKER WAS INJURED

On 28 August 2023, a wheeled telescopic mobile crane tilted during lifting works in a construction site at Tung Chung, one worker was injured. The Construction Industry Council (CIC) would like to deliver this safety message for your attention. It would be appreciated if you could distribute the message below to your fellow members, relevant personnel or other industry stakeholders where appropriate. Thank you very much.

Common Accidents

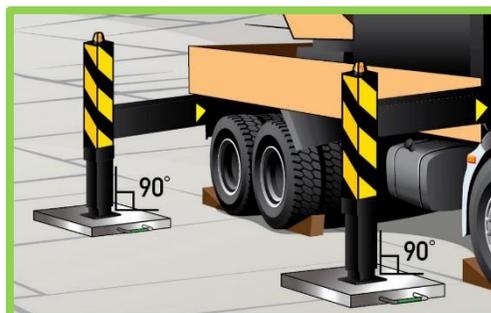
1. Failure to conduct thorough examination in planning and risk assessments for the lifting operation.
2. Failure to check the lifting operation procedures prior to any commencement of works.
3. Failure to ensure the lifting operation is carried out in accordance with the maximum safe working load (SWL).
4. Failure to acknowledge and handle the risks and hazards induced by the changes in the working procedures or environment.

Critical Control Measures

1. Appropriate lifting plans, sufficient consideration and risk assessment should be carried out before lifting operation.
2. Selection of appropriate mobile crane and lifting gear according to the actual site conditions.
3. Mobile crane shall be operated on a firm and level ground that can adequately support the weight of the crane and loads.
4. Proper setup of outriggers should be checked before lifting operation.
5. Appoint person with sufficient experiences and qualifications to strictly monitor the lifting operation and ensure that it is not overloaded.



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SAFETY ROLES AND RESPONSIBILITIES OF KEY STAKEHOLDERS IN THE HONG KONG CONSTRUCTION INDUSTRY

What if all stakeholders can act together and take one step further to fulfill their roles and responsibilities, can similar accident be avoided?

- In the design stage, designers and engineers should consider and adopt the proper methods, and selection of appropriate crane.
- During the construction stage, develop safety plans and safe working procedures, brief all relevant staff about the plans and procedures, and clearly assign individual safety responsibilities.
- The work team shall acknowledge the information such as jib length and weight of load(s) etc., so as to conduct risk assessment before the commencement of lifting operation.
- Workers can identify any changes in the construction process, report it to their supervisors and take action against it immediately.

Reference information for sharing



Reference Material -
on Safety Roles and Responsibilities
of Key Stakeholders in the Hong
Kong Construction Industry
(Practical Reference Guidance On
Lifting Operation)



Lifting Safety Handbook



Poster - Lifting Safety



Disclaimer

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