



A WORKER WAS HIT BY A FORK-LIFT TRUCK AT A CONSTRUCTION SITE IN TO KWA WAN AND CERTIFIED DEATH AFTER SENDING TO HOSPITAL

An accident happened on 16 May 2023 in which a construction worker was hit by a fork-lift truck in a construction site at To Kwa Wan. He was certified death after sending to hospital. The Construction Industry Council (CIC) would like to deliver this safety message for your attention. It would be much 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 establish and implement the demarcation of fatal zone.
2. Failure to develop a comprehensive Construction Site Traffic Management Plan.
3. Unable to separate vehicular and pedestrian traffic.
4. Failure to follow the instructions of loadshifting machineries, including speed and safety operations.
5. Failure to acknowledge and handle the risks and hazards induced by the changes in the procedures or environment.



Critical Control Measures

1. Develop a comprehensive Construction Site Traffic Management Plan.
2. Implement safe working procedures for loadshifting machineries at construction sites.
3. Make use of smart site safety system, for example, AI camera, sensor, etc.
4. Make use of dynamic risk assessment to manage traffic risks and hazards induced by the changes in procedures or site environment and establish the demarcation of fatal zone before work.



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, the designer should consider the operations and establish the proper method and relevant safety measures.
- During the construction stage, the work team must ensure it was supervised by designated persons before the operations, and also implement the demarcation of fatal zone.
- The work team could constantly identify the changes in the process or the environment through dynamic risk assessment and apply control measures to eliminate the hazard.
- 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



Reference Material on Fatal Zone Management



Disclaimer

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