



A WORKER WAS INJURED AFTER BEING HIT BY A FORK-LIFT TRUCK AT A CONSTRUCTION SITE IN KAI TAK

On 13 March 2025, a worker was hit by a fork-lift truck at a construction site in Kai Tak, sustaining injuries to his leg. He was then sent to hospital for treatment. 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. Operator of the fork-lift truck is not aware of the presence of the workers, and knocks them down.
2. Failure to provide proper fencing and suitable warning notices for the fatal zones.
3. Failure to maintain the safety devices of the fork-lift trucks to ensure they are in safe working order such as the rear-view mirrors, warning light and audible horning device.
4. Failure to provide necessary safety information, instructions, training and supervision to the workers concerned.



Life First - Walk the Talk "Adoption of Smart Site Safety System" was held on 21 August 2024. Please click the above image to watch the replay at CIC website (Chinese Version only)

Critical Control Measures

1. Prior to the commencement of works, construction team should conduct risk assessments to identify the risks of workers being struck by a moving fork-lift truck in the workplace and implement the demarcation of fatal zones.
2. Fence off the fatal zones properly with barricades and prominent notices to ensure no unauthorised entry into the zones.
3. Provide and maintain safe walkways for pedestrians which should be kept apart from the travelling routes of the fork-lift trucks and other vehicles.
4. Ensure that fork-lift truck is only operated by the person who holds a valid certificate relevant to that type of fork-lift truck.
5. Impose speed limit to the fork-lift trucks and taking effective measures to prohibit overspeeding.
6. The operators should sound the horn and ensure that there are no pedestrians before reversing a fork-lift truck.
7. The fork-lift trucks should be equipped with required safety devices such as rearview mirrors, warning light and audible horning device, etc.
8. Use appropriate Smart Site Safety System (4S), for example, install Dangerous Situation Alert System. If a worker is encroaching the fatal zone, siren and signal light from the system will be activated, to secure workers' safety.
9. Ensure safety devices are regularly inspected, tested and properly maintained in accordance with the manufacturers' instructions to ensure that they are in safe working condition before use.
10. Provide all workers concerned with the necessary safety information, instructions and training, and ensure that they are familiar with the safe work procedures of the fork-lift truck operation.



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會



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 adopting design for safety methods to eliminate or reduce the movements of the fork-lift trucks at construction site, and carry out design of site layout properly, including providing pedestrian-only routes and planning the fatal zones at the construction site properly, etc.
- During the construction stage, construction team should supervise, coordinate and monitor the operation of the fork-lift trucks in the fatal zones, properly implement the logistics plans and follow the safe working procedures.
- Work team shall check and ensure safety signages and barriers selected are suitable for the intended purpose and have been properly installed and maintained.
- Workers should follow the developed safe working procedures, in case identifying any changes in the construction process, report it to their supervisors and take action against it immediately.

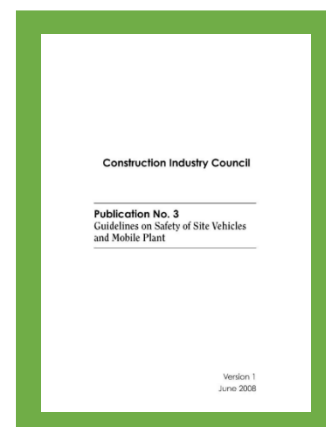
Reference information for sharing



Reference Material on Fatal
Zone Management



Reference Material - Guide to
Smart Safety-Related
Technologies for Use in
Construction Works



Guidelines on Safety of Site
Vehicles and Mobile Plant



Please Click the Images



Disclaimer

This message is not intended to constitute any professional advice on these or any other subjects. The CIC (including its members and employees) will not accept responsibility for any consequences resulting from the use of or failure to use this message. For enquiries, please contact 2100 9000.