



TWO RECENT FATAL ACCIDENTS INVOLVING WORKERS BEING HIT BY VEHICLE AND ENGINEERING TRAIN

Two fatal accidents occurred recently in Hong Kong in which two workers were hit by a truck and an engineering train. On 30 May 2025, a worker was trapped between two trucks in North West Tsing Yi Interchange, the worker was certified death later in hospital. On 15 August 2025, a worker was hit by a reversing engineering train, the worker was certified death later in hospital. 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 apply the parking brake of a vehicle or engineering train firmly during parking.
2. Park the vehicle on a soft ground or slope.
3. Failure to stay away from fatal zone when working.
4. Failure to provide necessary safety information, instructions, training and supervision to the workers concerned.
5. Failure to conduct dynamic risk assessments and take appropriate safety measures in response to changes in the environment and procedures.



Critical Control Measures

1. Prior to the commencement of works, work team should conduct risk assessments to identify the risks of hit or trapped by a moving vehicle or engineering train in the workplace and implement the demarcation of fatal zone.
2. Refer to the requirements stated in the "Road Users' Code", before leaving the vehicle, switch off the engine, leave the vehicle in first (uphill) or reverse (downhill) gear, or park mode (automatic), and apply the parking brake firmly when parking a vehicle on a slope.
3. When an engineering train is parked, its parking brake should be applied. Furthermore, it is recommended that "Stoppers" to be applied on the wheels to further prevent the train from sudden moving forward or backward.
4. The vehicle should be equipped with required safety devices such as reversing video device, sensor, alarm and flash light, etc.
5. Ensure that the safety devices are regularly inspected, tested and properly maintained in accordance with the manufacturer's instructions to ensure that they are in safe working condition before use.
6. Provide and maintain safe walkways away from vehicles or trains, and demarcate designated walkways for workers by suitable barriers and warning notices.
7. Park the vehicles in designated parking spaces which are reasonably level.
8. No unauthorised people should enter the fatal zone and the lookout man should stay outside the fatal zone to ensure that the fatal zone is clear of pedestrians at all times.
9. Implement P and N Caring Programme, provide care to probationer and newcomer to meet their needs, including guide workers to get familiarised with the work environment, potential risks of the work and precautionary measures, etc.
10. Establish and implement an effective monitoring and management system to ensure all safety measures are strictly followed.



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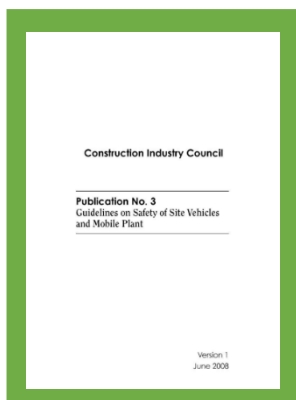


SAFETY ROLES AND RESPONSIBILITIES OF KEY STAKEHOLDERS IN THE HONG KONG CONSTRUCTION INDUSTRY

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

- In the design stage, designers and engineers should consider adopting design for safety methods to reduce the movements of vehicles or engineering train within the workplace; and plan the site layout and traffic routes properly.
- During the construction stage, the work team should check and ensure the safety signage and barriers selected are suitable for the intended purpose.
- 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 should follow the developed safe working procedures, if any risks of collapse of Composite Slabs are identified, report it to their supervisors immediately.

Reference Information



Guidelines on Safety of Site
Vehicles and Mobile Plant



Reference Material on Fatal Zone
Management



Poster - Designated Access
for Pedestrian and Vehicle on
Construction Sites



Road Users' Code
(Source: Transport Department)



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