



8 PEOPLE WERE INJURED AFTER THE COLLAPSE OF POWER-OPERATED ELEVATING WORK PLATFORM

An accident happened on 20 May 2023 in which 8 people were injured after the collapse of a 15m high power-operated elevating work platform during filming in Kowloon City. 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. The power-operated elevating work platform collapses due to inappropriate setting.
2. Operator being trapped between the power-operated elevating work platform and other fixed objects while ascending.
3. Operator overstretches his body outside the power-operated elevating work platform and fell from it.
4. Power-operated elevating work platform is not properly used and no regular inspection and maintenance work are carried out.



Please make reference to the CITF website to adopt safety technologies to enhance safety management and reduce risks.

Critical Control Measures

1. Identify falling risks, establish system of work and ensure relevant measures are implemented.
2. Ensure dynamic risk assessment is carried out to identify and manage the risks and hazards induced by the changes in the process or working environment.
3. Adopt safety technologies to enhance safety management and reduce risks with respect to the changes of working environment, for example, use system to monitor the safe working load and other working parameters of the power-operated elevating work platform, and thus to adjust its permitted capacity according to the rotation angle, the outriggers' positions and the action of the counterweight.
4. Follow the safe working procedures and the manufacturer' s instructions to ensure safe operations. For example, outriggers should be fully extended as far as practicable, the safe working load should not exceed, the operating area should be fenced off, lifting mats should be placed under the outriggers.
5. Provide workers with all necessary safety information, instructions and training, and ensure that they are familiar with the safe working procedures, safety measures and the proper use of the power-operated elevating work platform.
6. Ensure the power-operated elevating work platform complied with relevant safety standards is used properly, and inspected and maintained regularly.
7. A safety harness shall be used and connected to a designated anchorage point while working on the power-operated elevating work platform.



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 thus to establish the proper method and relevant safety measures.
- During the construction stage, the work team must ensure that it would be supervised by designated persons before the operations.
- 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 could 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 Work-above-ground Operation)



2019 Construction Safety Week (Work-at-Height Safety Handbook)



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