

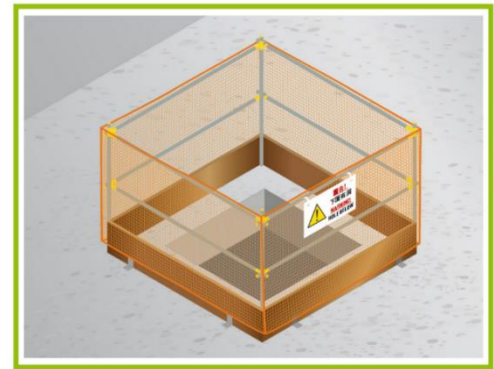


A WORKER FELL FROM HEIGHT AT A CONSTRUCTION SITE IN WONG CHUK HANG AND WAS INJURED

On 24 July 2024, a worker fell from height while he was working at a construction site in Wong Chuk Hang. The worker was injured and sent to the 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. Fall from the opening reserved for the works.
2. The materials used for covering the opening are not adequate in size and of sound construction.
3. Personal Protective Equipment (PPE) is not properly used and safety harness is not connected to the anchorage point.
4. Failure to conduct dynamic risk assessments and take appropriate safety measures in response to changes in the environment and procedures.



Provide guard-rails, toe-boards and warning signs at the opening

Critical Control Measures

1. The construction team shall develop a holistic plan with the locations and sizes of holes, details of the items installed through the hole, control measures used for each hole, the responsible persons and their contacts, etc. Brief all relevant staff about the plan and ensure they are familiar with the control measures.
2. Ensure the holes are securely covered and fenced off to prevent workers fall from height.
3. The materials used for covering the holes should have been of adequate size, sound construction and securely fixed in position to prevent displacement.
4. Display warning notices prominently on the hole covers and fencing to openings.
5. Refer to Reference Material on Hole Management to provide appropriate types of hole covers and fencing to openings, subject to the sizes of holes.
6. Provide and ensure the use of suitable fall protection devices by workers where protection of holes is impracticable.
7. Consider adopting appropriate Smart Site Safety System (4S), e.g. electronic lock and key system, and alert system for danger zone.
8. Establish and implement an effective monitoring and management system to ensure all safety measures are strictly followed.



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

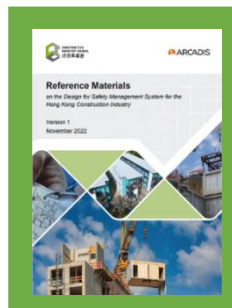
What if all stakeholders can act together and take one step further to fulfill their roles and responsibilities, can similar accident be avoided?

- In the design stage, designers and engineers should consider adopting a design for safety approach, e.g., Design for Manufacture and Assembly (DfMA) approach, to minimize the need for working near holes in order to reduce the risks from the sources.
- During the construction stage, the construction team should review the hole management plan regularly to monitor its effective implementation and take actions after the review including: (i) refining the control measures used for the works; (ii) upgrading type of materials for the hole covers and fencing; and (iii) providing more supervision personnel to execute the hole management implementation.
- The work team should have effectively implemented hole management and provided covers and fencing for all openings.
- Workers could identify openings with potential falling risks and report it to their supervisors and take action against it.

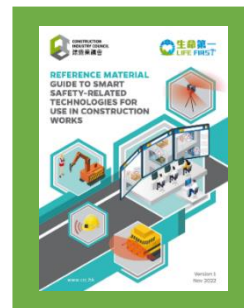
Reference information for sharing



Reference Material
on Hole Management



Reference Materials
on the Design for Safety
Management System for
the Hong Kong
Construction Industry



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



Reference Material
on Safety Roles and
Responsibilities of Key
Stakeholders in the Hong Kong
Construction Industry



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