



A WORKER SUSPECTED BEING ELECTROCUTED WHILE REPAIRING AIR CONDITIONING AT A PRIMARY SCHOOL IN FANLING

On 12 September 2025, a worker was suspected of being electrocuted while carrying out air conditioning repair work at a primary school in Fanling. 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. Workers accidentally touch the live part during work.
2. Prior to the electrical works, the electricity supply is not properly turned off, locked, and tagged with a warning sign.
3. Failure to properly implement the "lockout/tagout" permit-to-work system.
4. Failure to use suitable personal protective equipment such as insulating gloves and insulating mats.
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, construction team should conduct risk assessments to identify the risks of electrocution and develop safe working procedures.
2. Ensure the electrical work is only conducted by or under the supervision of a registered electrical worker of appropriate grade.
3. Prior to the electrical works, switch off the incoming power supply switchgear, isolate/rack-out the switchgear.
4. Padlock the switchgear and affix with proper warning tag to the switchgear/panel and implement "lockout/tagout" permit-to-work system.
5. Ensure that all electrical wires, connections and installations are effectively protected, insulated and free from damage and faults.
6. Ensure that all electrical installations are properly earthed.
7. Provide and ensure the use of suitable personal protective equipment such as insulating gloves and insulating mats.
8. Provide all workers concerned with the necessary safety information, instructions, training and supervision, and ensure that they are familiar with the safe work procedures.



CONSTRUCTION
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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 take into accounts the work nature and work environment; and adopt suitable construction methods and safety measures.
- During the construction stage, work team should plan, manage and monitor the electrical works effectively, take adequate safety measures, such as avoid live work.
- The work team should conduct proactive inspections and take prompt rectification to ensure that all electrical wires, connections and installations are effectively protected, insulated and free from damage and faults.
- Workers should follow the developed safe working procedures, if any risks of electrocution are identified, report it to their supervisors immediately.

Reference Information



Reference Material on Safety Roles and Responsibilities of Key Stakeholders in the Hong Kong Construction Industry (Practical Reference Guidance On Electrical Work)



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



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