



Work Safety Alert

Suspected Electrocution while Conducting Concrete Breaking Work

1. **Date of Accident :** August 2014
2. **Place of Accident :** A village house under construction
3. **Summary :**

A worker was suspected to have been electrocuted while operating an electric concrete breaker for carrying out concrete breaking work.

4. **Work Safety Alert for Contractors/Employers :**

To prevent electrical hazards at work, contractors/employers should:

- appoint a competent person to conduct task-specific risk assessments to identify all hazardous conditions on site, including electrical hazards and formulate appropriate safe working procedures and protective measures to combat the hazards;
- ensure that all electrical wires, connections and appliances are effectively protected, insulated and safeguarded;
- adopt effective engineering control measures through the proper use of suitable and adequate fuses/circuit breakers, residual current device for earth leakage protection and double-insulated or properly earthed portable electrical apparatus;
- conduct proactive inspection and take prompt rectification to ensure that the electrical apparatus and the associated plugs, sockets and wiring are in conformity with relevant safety standards and free from damage and faults;



- ensure workers involved have received proper training and acquired relevant knowledge and experience in using electrical apparatus. Safety training on electrical safety should also be conducted regularly to enhance workers’ safety awareness; and
- exercise adequate management control and effective supervision to ensure that the above safety measures are strictly followed.

5. Reference :

- [A Guide to the Factories and Industrial Undertakings \(Electricity\) Regulations](#)¹
- [Guidance Notes for The Safe Isolation of Electricity Source at Work](#)¹
- [Basic Electrical Safety Measures in the Workplaces](#)¹
- [《電力工作意外致命個案集》](#)¹ (Chinese Version Only)

DISCLAIMER

This Work Safety Alert (“the Alert”) is issued at the earliest possible opportunity after a serious accident with a view to drawing the attention of interested parties to the general safety precautionary measures necessary to protect people engaging in similar work activities. The material contained in the Alert constitutes general guidance only. It does not reduce, limit, or replace, any legal obligations upon any person to comply with any statutory duties under relevant legislation. Users such as Managers and Supervisors should make their own evaluation of the information contained in the Alert to determine if it can be applied to their own situations and practices. The Labour Department does NOT accept any responsibilities for any loss or damage resulting from the use of or failure to use of the information on the Alert.

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