



Work Safety Alert
Electrocution while Conducting Signal Cables Wiring Work

1. **Date of Accident :** July 2014
2. **Place of Accident :** A pump room in a residential building
3. **Summary :**

A worker received an electric shock while doing cable connection work inside a pump room, and subsequently passed away.

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

To prevent electrical hazards during any electrical work, contractors/employers should:

- appoint a competent person to conduct task-specific risk assessments and formulate a relevant safe system of work. Among others, a permit-to-work system should be adopted with appropriate safety precautions devised and implemented to eliminate or properly control the electrical hazards involved;
- ensure that all live parts of the electrical system are rendered dead by isolating the power supply;
- turn off and lock out the power supply with the key kept by supervisory staff, and post up appropriate warning notices, signs or tags before starting the electrical work;
- provide suitable personal protective equipment such as insulating gloves and mat to the workers involved and ensure the proper use of the equipment by them;



- ensure that workers involved have received proper training and acquired relevant knowledge and experience in the electrical work; and
- exercise adequate monitoring and effective supervision to ensure that the safety precautionary 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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