



Work Safety Alert Suspected to have been Electrocuted at a Pump Room

1. **Date of Accident** : August 2021
2. **Place of Accident** : A Residential Building
3. **Summary :**

A security guard while inspecting a flooded pump room at the ground floor of a residential building was suspected to have received an electric shock. He was certified dead later in the hospital.

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

To prevent any workers/ employees from being endangered by electrical hazard at work, the employers/ proprietors responsible for the work should provide and maintain a safe system of work which should include, but not limited to, the following:

- appointing a competent person to conduct task-specific risk assessments to identify all potential hazards, particularly electrical hazard, associated with the work, taking into account the nature of work, the work environment, the work activities and the equipment in the vicinity;
- formulating safe work methods and procedures for the work with due regard to the results of risk assessments, the requirements of relevant safety legislation and safety guidelines to minimise the risks exposed to the workers/ employees;
- identifying any possible sources of electrical hazard in the workplace and eliminating or properly controlling the hazard;
- conducting proactive inspections and taking prompt rectification to ensure that all electrical wires, connections and equipment are effectively protected, insulated and free from damage and faults;



- ensuring all live conductors, including those forming part of equipment, shall be so placed and safeguarded so as to prevent electrical hazard;
- ensuring all electrical installations are properly earthed;
- providing and ensuring the use of suitable personal protective equipment, such as insulating gloves and mat, to afford additional protection to workers/ employees involved;
- ensuring the electrical work is only conducted by or under the supervision of a registered electrical worker of appropriate grade;
- providing all workers/ employees involved with necessary safety information, instruction and training, and ensuring that they are familiar with the safe work procedures including the procedures to deal with emergency situations and the necessary safety measures; and
- establishing and implementing an effective monitoring and control system to ensure that all safety measures are strictly followed.

5. Reference :

- [Safe Systems of Work](#)¹
- [Five Steps to Risk Assessment](#)¹
- [Five Steps to Information, Instruction and Training](#)¹
- [Basic Electrical Safety Measures in the Workplace](#)¹
- [Work Safety-Electrical Safety and You](#)¹
- [Guidance Notes for The Safe Isolation of Electricity Source at Work](#)¹

¹ Click to view document



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Note: The material contained in the Alert is not exhaustive, and will be supplemented/ adjusted where necessary if more relevant information comes to light.