



Work Safety Alert Fall from a Bamboo Scaffold

1. **Date of Accident :** October 2019
2. **Place of Accident :** A construction site
3. **Summary :**

A worker carrying out sealing work for glass panels of the curtain walls on a double-row bamboo scaffold erected at the exterior of a building under construction fell for about 3.5 metres onto the ground. He was sent to hospital and passed away on the following day.

4. Work Safety Alert for Contractors/ Employers :

To prevent any workers/ employees from falling from height while undertaking any work on a bamboo scaffold, the contractors/ employers should:

- appoint a competent person to conduct task-specific risk assessments to identify all potential hazards associated with the work, taking into account the nature of work and the work environment, particularly where work-above-ground is involved;
- formulate safe work methods and procedures for the work, taking into consideration the results of the risk assessments and following the requirements of safety legislations, relevant codes of practice and guidelines;
- provide and maintain suitable and adequate safe means of access to and egress from every place of work;
- provide and ensure the proper use of a suitable scaffold such as



double-row bamboo scaffold with suitable working platforms for work that cannot be safely done on or from the ground or from part of a permanent structure;

- ensure that every working platform of a bamboo scaffold is provided with suitable guard-rails and toe-boards, and that the height of a guard-rail above the surface of the working platform is not less than 900mm and not more than 1150mm for a top guard-rail and not less than 450mm and not more than 600mm for an intermediate guard-rail; otherwise, the platform is protected by not less than two horizontal bamboo members of the scaffold spaced at intervals between 750mm to 900mm; and that the height of a toe-board or other similar barrier erected on the platform is not less than 200mm;
- ensure that every working platform is closely boarded or planked; and every board or plank rests securely and evenly on its supports;
- ensure that every scaffold is inspected and certified safe by a competent person before being taken into use for the first time and at regular intervals not exceeding 14 days;
- ensure that all nearby dangerous edges, openings or void spaces, through which any person is liable to fall a distance of 2 metres or more, are properly fenced off or covered;
- where provision of suitable scaffolds and working platforms or protection of dangerous edges, openings or void spaces are not reasonably practicable, set up a fall arresting system by providing every worker/ employee concerned with a suitable safety harness and ensure that the harness the worker wears is continuously attached to a suitable anchorage system from a safe place and throughout the work, and take necessary steps to ensure that every worker concerned is properly using the fall arresting system;
- provide each worker/ employee involved in the work with a suitable



safety helmet equipped with chin strap and ensure the proper wearing of the same by the worker/ employee throughout the work:

- provide all workers/ employees concerned with the necessary safety information, instruction and training, and ensure that they are familiar with the safe work procedures and safety measures; and
- establish and implement an effective monitoring and control system to ensure 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
- [A Guide to the Provisions for Safe Places of Work under Part VA of the Construction Sites \(Safety\) Regulations](#)¹
- [Code of Practice for Bamboo Scaffolding Safety](#)¹
- [Guidance Notes on Classification and Use of Safety Belts and their Anchorage Systems](#)¹
- [A Casebook of Fatal Accidents related to Work-at-height](#)¹



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