

A Safe Workplace

A Workplace Safety and Health Manual for Your Community

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Subject: TSE-14	Assembling and Using Scaffolds	Approved By: Harvey Bostrom
		Effective: April 01, 2005
		Revised: April 1, 2011

Refer to part 28, Scaffolds and other Elevated Work Platforms of *The Manitoba Workplace Safety and Health Act and Regulations*.

PPE Required: Safety harness, steel- toe boots, gloves, hard hat.

Scaffolding is only to be used and assembled by trained and competent employees.

Platform Scaffolds:

- Except for short duration that can be done safely from a ladder, an employer must ensure that a worker engaged in work that cannot be done from the ground or other safe elevation is provided with a scaffold or an elevated platform.
- An employer must ensure that a commercially manufactured scaffold or elevated platform is installed, used, maintained and dismantled in accordance with the manufacturer's specifications.
- If a scaffold is more than 6m in height, it is equipped with a suitable hoisting device for hoisting materials.
- Employer must ensure that scaffolding complies with the requirements of CAN/CSA S269.2- M87 (R2003) *Access Scaffolding for Construction Purposes*.

Steps:

1. Inspect all components and replace any defective parts.
2. Assemble all components from the ground up. Do not use on ice or snow or slippery surfaces without non-skid devices or securing feet.
3. Scaffold must be installed plumb and stabilized by bracing the horizontal and vertical members to prevent lateral movement.
4. Scaffold must be anchored to building at 15 feet (4.57M) above ground level and at 15 feet (4.57M) intervals vertically and at 20 feet (6.1M) intervals horizontally.
5. Scaffold planks made of wood shall be at least nominal size no. 1 construction grade 2" x 10" (50mm x 250mm) (S-P-F).
6. Scaffold planks made of wood shall not span more than 8 feet (2.5M).

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7. Scaffolding platforms shall be at least 19.7 inches (500mm) wide.
8. Scaffold planks shall extend past ledgers or end frames not less than 5.9 inches (150mm) or more than 11.8 inches (300mm).
9. Overlapping planks extend must be centered directly over and at least 11.8 inches (300mm) beyond the end supports of a scaffold
10. Secure planks to the scaffold frame with bolts.
11. Guardrails shall be a minimum of 36 inches (914mm) high and not more than 42 inches (1067mm).
12. Toe boards are to be installed on the opening side of the platform were there is a risk of tools, materials, equipment and debris falling from the platform.
13. Use *Fall Protection Procedure* (section III-C, G-12) and devices when mounting, dismounting, working on or disassembling scaffolding. Never work alone on scaffolding.
14. Keep area under and around scaffolding free from debris and section off area around scaffold to protect persons from falling debris.
15. Never over reach from scaffolding guard rails. Keep deck clear of debris to prevent tripping.
16. Never remain on a mobile scaffold when it is being moved.
17. Disassemble scaffolding in reverse order after work is completed.