

FALL PROTECTION

ES&H Manual 6131 – Fall Protection Systems

Subject Matter Expert: Bert Manzlak x7556

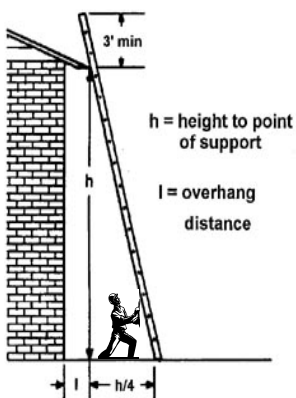
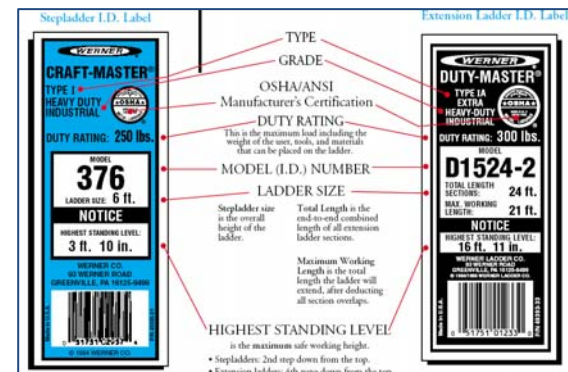
- Training Required: SAF202 Personal Fall Protection
- FALL PROTECTION IS REQUIRED for work performed at elevations higher than 4 ft., and higher than 6 ft. for construction designated tasks.
- Fall Protection systems are either passive or active. A Task Hazard Analysis (THA) is developed to determine which system to use. The best method of fall protection is to eliminate the need (i.e.: move the work to floor level). Next is to use a passive engineered system (e.g.: guard rails).
- Fall protection components can be obtained from the Material Handling Safety Representative (MHSR) (i.e.: Manny Nevarez x7406).
- Before use, inspect components for wear and tear and any defects. Ensure last official inspection date is within one year.
- Report defective, suspect, or expired components to the supervisor and return equipment to the MHSR.

PORTABLE STEP LADDERS

ES&H Manual 6132 – Ladder and Scaffold Safety

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- Training required - SAF307 Ladder Safety
- Ensure the ladder's Duty Rating is adequate for the person's weight plus tools.
- Only one person on a ladder at a time.
- Before use, inspect the ladder for safety.



- Set the ladder up on a solid, even surface.
- Face the ladder when ascending or descending. Keep both hands on the side rails.
- Do not carry tools or materials in your hands. Attached them to a tool belt or use a rope and basket system.
- Do not reach out in any direction. Move the ladder when necessary.
- If positioned in a doorway, use cones, or other signage, to prevent collisions.
- NEVER STAND ON THE TOP TWO RUNGS!
- NEVER use an A-frame ladder as a straight ladder.

SCAFFOLDING

ES&H Manual 6132 – Ladder and Scaffold Safety

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- Training Required for Competent Persons:
 - SAF303A Baker Type Scaffolding Training
 - SAF303B Tube and Coupler Type Scaffold Training
 - SAF303C Tubular Welded Frame Scaffold Training(There are equipment-specific rules for assembly, fall prevention, and inspection.)



Baker Type Scaffolding



Tube and Coupler Type

- Ensure guardrails and toeboards are installed on all open sides and ends of platforms higher than 6 feet above ground level.
- Use access ladder, stair tower or equivalent to safely access a scaffold. Do not climb on cross braces or end frames these are not designed for such use.
- Never use a scaffold unless it is inspected and signed off on by a Competent Person. Before mounting look for a green tag that denotes that the scaffold has been inspected and is safe to use.

AERIAL WORK PLATFORMS

ES&H Manual 6147 – Aerial Work Platforms

Subject Matter Expert: Dave Kausch x7674

- Training Required– SAF302 Aerial Platform /Manlift Operator (Only **trained and authorized** personnel may operate an aerial lift)
- Before use, inspect the equipment to ensure there are no leaks and all controls are functioning properly.
- Secure safety harnesses and ensure the operator is tied-off to the manufacturer provided anchor point **AT ALL TIMES** while in the basket.
- Only stand on the platform floor. **NEVER STAND OR SIT ON THE RAILING!**
- Always look in the direction the machine is moving.
- While the basket is in motion keep your hands inside the basket.
- Lift occupant is to be in full control of equipment at all times. Ground controls are not used when a lift is occupied, except in case of an emergency.

