



Timber Framers Guild

PO Box 60, Becket, MA 01223

413-623-9926 • Fax 888-453-0879 • will@tfguild.org

DRAFT

Part Ten

Tools & Equipment Curriculum

10H ACCESS EQUIPMENT

DESCRIPTION

Demonstrate the safe care and use of access equipment for timber framing.

Perform visual inspections of access equipment.

Identify hazards associated with access equipment.

LEARNING TASKS	CONTENT
1. Identify the legislation, rules and regulations that apply to timber framing shops.	<ul style="list-style-type: none">• OSHA Regulations• Identify Hazards
2. Visual inspection of access equipment.	<ul style="list-style-type: none">• OSHA Regulations• Equipment Certification• Safe Working Loads (SWL)• Protocols for Damaged / Unsafe Equipment• Equipment Maintenance• Identification Tags & Record Keeping• Good Practice
3. Demonstrate the safe care and use of access equipment.	<ul style="list-style-type: none">• Ladders• Sawhorses & Trestles• Portable Scaffold Towers• Super-planks / Youngman's Boards• Scaffold Planks• Modular Scaffolding

GOALS FOR SUCCESSFUL COMPLETION

Theory:

- i) Given a multiple choice test of 40 recall/recognition type questions about OSHA regulations and general safety rules regarding the care and use of access equipment, the learner will answer all questions within 30 minutes and score a minimum of 80% or 32 correct answers without reference materials.

Practical:

- ii) Given a selection of the following::
- 2 ladders in good condition
 - 1 damaged ladder
 - 2 Super-planks in good condition
 - 1 damaged Super-plank
 - 20 timber scaffold planks in good condition
 - 2 damaged timber scaffold planks

- 20 sections of modular scaffolding in good condition
 - 2 damaged sections of modular scaffolding
- a) Learners will correctly identify and separate the damaged equipment from the functional equipment within 20 minutes. Learners must identify all damaged equipment.
 - b) Learners will correctly determine the SWLs of all equipment within 15 minutes. If SWL is not marked, learners will state reasonable limit of use (for example, Two fat framers plus hand tool.).
-
- iii) Given a complete portable scaffold tower in good condition, learners will perform a visual inspection and determine whether the scaffold tower is safe for use and then correctly erect, level and disassemble the tower on uneven ground. The tower must be erected plumb, level and on a sound footing.
 - iv) Given a 4-6 frame (min) modular scaffold in good condition, learners will perform a visual inspection and determine whether the scaffold tower is safe for use and then correctly erect, level and disassemble the tower on uneven ground. The scaffold must be erected plumb, level and on a sound footing. An access ladder should be correctly fixed to scaffold at an appropriate angle and securely tied off.