

# GIVE TO ERECTOR & USER OR POST ON JOB

## DEVELOPED FOR INDUSTRY BY SCAFFOLD INDUSTRY ASSOCIATION, INC.

### CODE OF SAFE PRACTICES FOR ERECTING & DISMANTLING OF STEEL FRAME SHORING

It shall be the responsibility of all employees to read and comply with the following common sense rules which are designed to promote safety in the erecting and the dismantling of Steel Frame Shoring. These rules do not purport to be all inclusive nor to supplant or replace other additional safety and precautionary measures to cover usual or unusual conditions. If these rules conflict in any way with any state, local or federal statute or regulation said statute or regulation shall supersede these rules and it shall be the responsibility of each employee to comply therewith.

#### I. GENERAL RULES

- A. **SHORING LAYOUT:** A shoring layout, prepared by a person qualified to analyze the loading intended, and consistent with the specific manufacturer's recommended safe working loads, shall be used on the job at all times.
- B. **LOCAL CODES AND ORDINANCES:** Follow all regulations pertaining to shoring.
- C. **INSPECT ALL EQUIPMENT BEFORE USING:** Never use any equipment which has any obvious defect. Rusted, bent, dented equipment or equipment with broken welds shall not be used. Locking devices must be present and in good working condition.
- D. **NEVER USE EQUIPMENT FOR PURPOSES OR IN WAYS FOR WHICH IT WAS NOT INTENDED.**
- E. **SURVEY THE JOBSITE:** A survey shall be made of the jobsite for hazards such as untamped earth fills, ditches, debris, high tension wires, unguarded openings or hazardous conditions created by other trades.
- F. **ONLY AN EXPERIENCED AND QUALIFIED SUPERVISOR SHALL BE UTILIZED IN THE ERECTING & DISMANTLING OF STEEL FRAME SHORING.**
- G. **INSPECT ERECTED SHORING PRIOR TO, DURING AND IMMEDIATELY AFTER THE POUR.**

#### II. ERECTING STEEL FRAME SHORING

- A. **PROVIDE AND MAINTAIN A SOLID FOOTING.** The sills for shoring shall be sound, rigid and capable of carrying the maximum intended load without settling or moving.
- B. **USE BASE PLATES AND ADJUSTMENT SCREWS.** Always use base plates. Adjustment screws shall be used to adjust to uneven grade conditions. Keep screw adjustment within the recommended height for loading imposed.
- C. **DO NOT EXCEED THE FRAME SPACING OR TOWER HEIGHT.** Consult the layout.
- D. **PLUMB AND LEVEL ALL SHORING FRAMES.** Make sure there are no gaps between the lower end of one frame and the upper end of the other frame.
- E. **FASTEN ALL CROSS BRACES SECURELY.** Do not force cross braces — level the shoring tower. Use sufficient cross braces to make a rigid, solid unit.
- F. **DO NOT CLIMB CROSS BRACES.**
- G. **USE ADJUSTMENT DEVICE ON TOP OF LEG.** Use the top adjustment to level off the falsework — not the bottom screw. (The bottom screw is for plumbing the legs.)
- H. **USE CAUTION WHEN ERECTING FREE STANDING TOWERS.** Prevent tipping by guying or bracing.
- I. **AVOID ECCENTRIC LOADS.** Stringers or purlins should be centered on heads.

- J. **DO NOT EXCEED THE PROPER SPACING FOR FORM LUMBER OR TIMBERS.** Consult the layout. Verify the grade, condition and species of lumber to be used.
- K. **GIVE SPECIAL CONSIDERATION TO TEMPORARY LOADING.** Areas where reinforcing rods, material or equipment is to be stored temporarily may need to be strengthened to meet these loads.
- L. **WHERE MOTORIZED CONCRETE EQUIPMENT IS TO BE USED, SHORING MUST BE SO DESIGNED.** Consult the layout to verify such fact.
- M. **SPECIAL PRECAUTIONS WHEN SHORING FROM, OR TO, SLOPED SURFACES.**
- N. **DO NOT USE ADJUSTMENT SCREWS TO RAISE FORMWORK AFTER THE CONCRETE IS PLACED.**

#### III. DISMANTLING SHORING

- A. No shoring equipment should be released or removed without the approval of a qualified engineer.
- B. Reshoring should be approved by a qualified engineer.
- C. Care should be taken that no construction loads shall be permitted on the partially cured concrete.
- D. Do not remove braces or back off the adjustment screws until dismantling approval has been received.
- E. Dismantled equipment should be stockpiled in an orderly manner.