

Garmong Construction Services					
<i>EMPLOYEE SAFETY POLICY HANDBOOK – Steel Erection</i>					
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Steel Erection

1. Definitions

- a. Who does it cover - All workers engaged in steel erection activities except electric transmission towers, communication towers, broadcast towers, and water towers or tanks.
- b. Covered Steel Erection Activities - Hoisting, laying out, placing, connecting, welding, burning, guying, bracing, bolting, plumbing up, rigging, moving point to point.
- c. Other covered Steel Erection Activities – Roof insulation, roofing, gutter, skylights, doors, windows, etc.
- d. Controlling Contractor – A prime contractor, general contractor, construction manager or other legal entity that has overall responsibility for the construction project.

2. Notification Before Erection – Controlling contractor must certify in writing that:

- a. Concrete in footings, piers, or walls have reached 75% of design strength or are of sufficient strength to support imposed loads.
- b. Any repairs, replacements or field modifications to anchor bolts must have approval by structural engineer of record and must provide written notification to the erector.

3. Site Layout – Controlling contractor must provide:

- a. Adequate access roads.
- b. Well maintained lay down areas.
- c. Properly maintained work areas.
- d. Pre-plan hoisting activities to minimize lifts over workers. Exceptions: Worker engaged in initial connection and hooking or unhooking loads.

4. General Provisions

- a. Cranes must be inspected pre-shift by a competent person.
- b. A qualified rigger must inspect rigging prior to each shift.
- c. No more than four floors (48') of unfinished bolting or welding above foundation or permanent floor.
- d. Fully planked or decked floor or nets shall be maintained within two stories or 30' of erection activities.
- e. All columns shall be secured with a minimum of four anchor bolts before beam erection begins.
- f. Perimeter fall protection must be installed during initial structural assembly.
- g. Fall protection must be provided when working above 15' with the following exceptions: Initial connecting and decking in a "controlled decking zone" at heights from 15' to 30'.
- h. Controlling contractor has the option to keep the perimeter fall protection cables in place or removed when the erection activity is finished. If the controlling contractor opts to accept control over the perimeter fall protection and keep it in place, a transfer document stating that fact will be signed and dated.
- i. Fall protection training is required by the employer and must be documented.