



Steel Erection Checklist

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Hoisting:

- Inspect each crane before each shift
- Do not operate cranes, derricks, or other equipment within 10 feet of power lines
- Tag lines used for controlling loads

Flooring:

- Install permanent flooring as erection progresses
 - Maximum of 8 floors between erection floor and uppermost permanent floor
- Temporary Flooring
 - Derrick or erection floor solidly planked except for access openings
 - Planking 2 inches minimum full size undressed, laid tight and secured
 - If tiered or multi-floored structure, install safety railing of ½ inch wire rope or equal approximately 42 inches around periphery of all floors
- Install perimeter safety cables at the final interior and exterior perimeters of floors as soon as metal decking is installed

Roof and Floor Openings:

- Make sure they are decked over
 - Plank over or guard all unused openings in floor
- Floor and roof opening covers can withstand at least twice weight of employees, equipment, and materials imposed upon it
- Marked with "HOLE" or "COVER"

Column Anchorage:

- Columns anchored by a minimum of 4 anchor bolts
- Place wire mesh, exterior plywood, or equivalent around columns where planks don't fit tightly