



Safety Bulletin EM 385-1-1

Mobile District Safety and Occupational Health Office
Steel Erection Plan

Bulletin 49-09

The 15 September 2008 Safety Manual (yellow book) is now in effect for most new contracts and government operations. Please note the changes for steel erection as stated below.

27.F.01. Prior to beginning the erection of any structural steel, a Steel Erection Plan shall be submitted to the GDA for review and acceptance. The plan will include the identification of the site and project; and will be signed and dated by the Qualified Person(s) responsible for its preparation and modification. This plan shall include the following information, as applicable to the particular project.

a. The sequence of erection activity, developed in coordination with the Controlling contractor that includes the following:

- (1) Material deliveries;
- (2) Material staging and storage; and
- (3) Coordination with other trades and construction activities.

b. A description of the crane and derrick selection and placement procedures, including the following:

- (1) Site preparation;
- (2) Path for overhead loads; and
- (3) Identification of any lifts classified as Critical lifts, requiring separate plans.

c. A description of steel erection activities and procedures, including the following:

- (1) Stability considerations requiring temporary bracing and guying;
- (2) Erection bridging terminus point;
- (3) Anchor rod (anchor bolt) notifications regarding repair, replacement and modifications;
- (4) Columns and beams (including joists and purlins);
- (5) Connections;
- (6) Decking; and
- (7) Ornamental and miscellaneous iron.

d. A description of the fall protection procedures that will be used;

e. A description of the procedures that will be used to comply with this section;

f. Activity hazard analysis in accordance with Section 1 of this manual;

g. A certification for each employee who has received training for performing steel erection operations as required by 29 CFR 1926.761;

h. A list of the Qualified and Competent Persons; and

i. A description of the procedures that will be utilized in the event of rescue or emergency response.

