

Subpart R Steel Erection Fall Protection

CDZ Handout

1926.760(a)(3)

Connectors and employees working in controlled decking zones shall be protected from fall hazards as provided in paragraphs (b) and (c) of this section, respectively.

1926.760(b)

Connectors. Each connector shall:

1926.760(b)(1)

Be protected in accordance with paragraph (a)(1) of this section from fall hazards of more than two stories or 30 feet (9.1 m) above a lower level, whichever is less;

1926.760(b)(2)

Have completed connector training in accordance with § 1926.761; and

1926.760(b)(3)

Be provided, at heights over 15 and up to 30 feet above a lower level, with a personal fall arrest system, positioning device system or fall restraint system and wear the equipment necessary to be able to be tied off; or be provided with other means of protection from fall hazards in accordance with paragraph (a)(1) of this section.

1926.760(c)

Controlled Decking Zone (CDZ). A controlled decking zone may be established in that area of the structure over 15 and up to 30 feet above a lower level where metal decking is initially being installed and forms the leading edge of a work area. In each CDZ, the following shall apply:

1926.760(c)(1)

Each employee working at the leading edge in a CDZ shall be protected from fall hazards of more than two stories or 30 feet (9.1 m), whichever is less.

1926.760(c)(2) Access to a CDZ shall be limited to only those employees engaged in leading edge work.

1926.760(c)(3)

The boundaries of a CDZ shall be designated and clearly marked. The CDZ shall not be more than 90 feet (27.4 m) wide and 90 (27.4 m) feet deep from any leading edge. The CDZ shall be marked by the use of control lines or the equivalent. Examples of acceptable procedures for demarcating CDZ's can be found in Appendix D to this subpart.

1926.760(c)(4)

Each employee working in a CDZ shall have completed CDZ training in accordance with § 1926.761.

1926.760(c)(5)

Unsecured decking in a CDZ shall not exceed 3,000 square feet (914.4 m²).

1926.760(c)(6)

Safety deck attachments shall be performed in the CDZ from the leading edge back to the control line and shall have at least two attachments for each metal decking panel.

1926.760(c)(7)

Final deck attachments and installation of shear connectors shall not be performed in the CDZ.

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- **Part Number:** 1926
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- **Subpart:** R
- **Subpart Title:** Steel Erection
- **Standard Number:** 1926 Subpart R App D
- **Title:** Illustration of the Use of Control Lines to Demarcate Controlled Decking Zones (CDZs): Non-mandatory Guidelines for Complying with 1926.760(c)(3).
- **GPO Source:** e-CFR

Appendix D to Subpart R -- Illustration of the Use of Control Lines to Demarcate Controlled Decking Zones (CDZs): Non-mandatory Guidelines for Complying with § 1926.760(c)(3)

(1)

When used to control access to areas where leading edge and initial securement of metal deck and other operations connected with leading edge work are taking place, the controlled decking zone (CDZ) is defined by a control line or by any other means that restricts access.

(1)(i)

A control line for a CDZ is erected not less than 6 feet (1.8 m) nor more than 90 feet (27.4 m) from the leading edge.

(1)(ii)

Control lines extend along the entire length of the unprotected or leading edge and are approximately parallel to the unprotected or leading edge.

(1)(iii)

Control lines are connected on each side to a guardrail system, wall, stanchion or other suitable anchorage.

(2)

Control lines consist of ropes, wires, tapes, or equivalent materials, and supporting stanchions as follows:

(2)(i)

Each line is rigged and supported in such a way that its lowest point (including sag) is not less than 39 inches (1.0 m) from the walking/working surface and its highest point is not more than 45 inches (1.3 m) from the walking/working surface.

(2)(ii)

Each line has a minimum breaking strength of 200 pounds (90.8 kg).

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