

# The Electronic Code of Federal Regulations

Displaying title 29, up to date as of 4/18/2024. Title 29 was last amended 4/12/2024.

## Editorial Notes:

1. At [44 FR 8577](#), Feb. 9, 1979, and corrected at [44 FR 20940](#), Apr. 6, 1979, OSHA reprinted without change the entire text of [29 CFR part 1926](#) together with certain General Industry Occupational Safety and Health Standards contained in [29 CFR part 1910](#), which have been identified as also applicable to construction work. This republication developed a single set of OSHA regulations for both labor and management forces within the construction industry.

2. Nomenclature changes to part 1926 appear at [84 FR 21597](#), May 14, 2019.

## **§ 1926.1441 Equipment with a rated hoisting/lifting capacity of 2,000 pounds or less.**

The following paragraphs of this section specify requirements for employers using equipment with a maximum rated hoisting/lifting capacity of 2,000 pounds or less.

- (a) The employer using this equipment must comply with the following provisions of this subpart: [§ 1926.1400](#) (Scope); [§ 1926.1401](#) (Definitions); [§ 1926.1402](#) (Ground conditions); [§ 1926.1403](#) (Assembly/disassembly—selection of manufacturer or employer procedures); [§ 1926.1406](#) (Assembly/disassembly—employer procedures); [§§ 1926.1407](#) through [1926.1411](#) (Power line safety); [§ 1926.1412\(c\)](#) (*Post-assembly*); [§§ 1926.1413](#) through [1926.1414](#) (Wire rope); [§ 1926.1418](#) (Authority to stop operation); [§§ 1926.1419](#) through [1926.1422](#) (Signals); [§ 1926.1423](#) (Fall protection); [§ 1926.1425](#) (Keeping clear of the load) (except for [§ 1926.1425\(c\)\(3\)](#) (qualified rigger)); [§ 1926.1426](#) (Free fall and controlled load lowering); [§ 1926.1432](#) (Multiple crane/derrick lifts—supplemental requirements); [§ 1926.1434](#) (Equipment modifications); [§ 1926.1435](#) (Tower cranes); [§ 1926.1436](#) (Derricks); [§ 1926.1437](#) (Floating cranes/derricks and land cranes/derricks on barges); [§ 1926.1438](#) (Overhead & gantry cranes).
- (b) *Assembly/disassembly.*

- (1) In addition to compliance with [§§ 1926.1403](#) (Assembly/disassembly—selection of manufacturer or employer procedures) and 1926.1406 (Assembly/disassembly—employer procedures), the employer must also comply with [§ 1926.1441\(b\)\(2\)-\(3\)](#).
- (2) *Components and configuration*. The employer must ensure that:
  - (i) The selection of components, and the configuration of the equipment, that affect the capacity or safe operation of the equipment complies with either the:
    - (A) Manufacturer instructions, recommendations, limitations, and specifications. When these documents and information are unavailable, a registered professional engineer familiar with the type of equipment involved must approve, in writing, the selection and configuration of components; or
    - (B) Approved modifications that meet the requirements of [§ 1926.1434](#) (Equipment modifications).
  - (ii) *Post-assembly inspection*. Upon completion of assembly, the equipment is inspected to ensure that it is in compliance with [paragraph \(b\)\(2\)\(i\)](#) of this section (see [§ 1926.1412\(c\)](#) for post-assembly inspection requirements).
- (3) *Manufacturer prohibitions*. The employer must comply with applicable manufacturer prohibitions.
- (c) *Operation—procedures*.
  - (1) The employer must comply with all manufacturer procedures applicable to the operational functions of the equipment, including its use with attachments.
  - (2) *Unavailable operation procedures*. The employer must:
    - (i) When the manufacturer's procedures are unavailable, develop, and ensure compliance with, all procedures necessary for the safe operation of the equipment and attachments.
    - (ii) Ensure that procedures for the operational controls are developed by a qualified person.
    - (iii) Ensure that procedures related to the capacity of the equipment are developed and signed by a registered professional engineer familiar with the equipment.
  - (3) *Accessibility*. The employer must ensure that:
    - (i) The load chart is available to the operator at the control station;
    - (ii) Procedures applicable to the operation of the equipment, recommended operating speeds, special hazard warnings, instructions, and operator's manual are readily available for use by the operator.

- (iii) When rated capacities are available at the control station only in electronic form and a failure occurs that makes the rated capacities inaccessible, the operator immediately ceases operations or follows safe shut-down procedures until the rated capacities (in electronic or other form) are available.
- (d) *Safety devices and operational aids.*
- (1) The employer must ensure that safety devices and operational aids that are part of the original equipment are maintained in accordance with manufacturer procedures.
- (2) *Anti two-blocking.* The employer must ensure that equipment covered by this section manufactured more than one year after November 8, 2010 have either an anti two-block device that meets the requirements of [§ 1926.1416\(d\)\(3\)](#), or is designed so that, in the event of a two-block situation, no damage or load failure will occur (for example, by using a power unit that stalls in response to a two-block situation).
- (e) *Operator qualifications.* The employer must train each operator, prior to operating the equipment, on the safe operation of the type of equipment the operator will be using.
- (f) *Signal person qualifications.* The employer must train each signal person in the proper use of signals applicable to the use of the equipment.
- (g) [Reserved]
- (h) *Inspections.* The employer must ensure that equipment is inspected in accordance with manufacturer procedures.
- (i) [Reserved]
- (j) *Hoisting personnel.* The employer must ensure that equipment covered by this section is not used to hoist personnel.
- (k) *Design.* The employer must ensure that the equipment is designed by a qualified engineer.