

Legislative Regulation Review Committee

2011-029

Department of Labor

**OCCUPATIONAL SAFETY AND HEALTH
STANDARD REVISIONS**

REGULATIONS OF CONNECTICUT STATE AGENCIES
TITLE 31. LABOR
DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH STANDARDS

Section 1. Section 31-372-107-1926 of the Regulations of Connecticut State Agencies is amended by adding the following:

Section 31-372-107-1926. Safety and Health Regulations for Construction

| <u>Standard Affected</u> | <u>Subject</u> | <u>Fed. Reg. Date</u> | <u>Action</u> |
|---|--|----------------------------|---|
| Subpart A - General 1926.6 | Incorporation by reference | 8/9/10 | Added |
| Subpart C – General Safety and Health Provisions 1926.31 | | 8/9/10 | Repealed Reserved |
| Subpart L – Scaffolds 1926.450 | Authority Scope, application, and definitions applicable to this subpart | 8/9/10 8/9/10 | Amended Amended |
| Subpart M – Fall Protection 1926.500 | Authority Scope, application, and definitions applicable to this subpart | 8/9/10 8/9/10 | Amended Amended |
| Subpart DD – Cranes And Derricks Used in Demolition and Underground Construction 1926.1500 1926.1501 | Scope | 8/9/10 8/9/10 | Added Added |
| Subpart N – Subpart N – Helicopters, Hoists, Elevators, and Conveyors 1926.550 1926.553 | Authority Heading Base-mounted drum hoists | 8/9/10 8/9/10 8/9/10 | Amended Amended Reserved Amended |
| Subpart O – Motorized Vehicles, Mechanical Equipment, and Marine Operations 1926.600 | Authority Equipment | 8/9/10 8/9/10 | Amended Amended |
| Subpart R – Steel Erection 1926.753 | Authority Hoisting and rigging | 8/9/10 8/9/10 | Amended Amended |
| Subpart S – Underground Construction, Caissons, Cofferdams, and Compressed Air 1926.800 | Authority Underground Construction | 8/9/10 8/9/10 | Amended Amended |
| Subpart T – Demolition | Authority | 8/9/10 | Amended |

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| 1926.856 | Removal of walls, floors and material with equipment | 8/9/10 | Amended |
| 1926.858 | Removal of walls, floors, and material with equipment | 8/9/10 | Amended |
| Subpart V – Power Transmission and Distribution | Authority | 8/9/10 | Amended |
| 1926.952 | Mechanical equipment | 8/9/10 | Amended |
| Subpart X – Stairways and Ladders | Authority | 8/9/10 | Amended |
| 1926.1050 | Scope, application, and definitions applicable to this subpart | 8/9/10 | Amended |
| Appendix A | Designations for General Industry Standards Incorporated into Body Of Construction Standards | 8/9/10 | Amended |
| Subpart AA | | 8/9/10 | Reserved |
| Subpart BB | | 8/9/10 | Reserved |
| Subpart CC – Cranes and Derricks in Construction | | 8/9/10 | Added |
| 1926.1400 | Scope | 8/9/10 | Added |
| 1926.1401 | Definitions | 8/9/10 | Added |
| 1926.1402 | Ground Conditions | 8/9/10 | Added |
| 1926.1403 | Assembly/Disassembly - selection of manufacturer or employer procedures | 8/9/10 | Added |
| 1926.1404 | Assembly/Disassembly - general requirements (applies to all assembly and disassembly operations) | 8/9/10 | Added |
| 1926.1405 | Disassembly - additional requirements for dismantling of booms and jibs (applies to both the use of manufacturer procedures and employer procedures) | 8/9/10 | Added |
| 1926.1406 | Assembly/Disassembly - employer procedures – general requirements | 8/9/10 | Added |
| 1926.1407 | Power line safety (up to 350 kV) - assembly and disassembly | 8/9/10 | Added |
| 1926.1408 | Power line safety (up to 350 kV) - equipment operations | 8/9/10 | Added |
| 1926.1409 | Power line safety (over 350 kV) | 8/9/10 | Added |
| 1926.1410 | Power line safety (all voltages) - equipment operations closer than the Table A zone | 8/9/10 | Added |
| 1926.1411 | Power line safety - while traveling under or near power lines with no load | 8/9/10 | Added |
| 1926.1412 | Inspections | 8/9/10 | Added |
| 1926.1413 | Wire rope – inspection | 8/9/10 | Added |
| 1926.1414 | Wire rope – selection and installation criteria | 8/9/10 | Added |
| 1926.1415 | Safety devices | 8/9/10 | Added |
| 1926.1416 | Operational aids | 8/9/10 | Added |
| 1926.1417 | Operation | 8/9/10 | Added |
| 1926.1418 | Authority to stop operation | 8/9/10 | Added |
| 1926.1419 | Signals – general requirements | 8/9/10 | Added |
| 1926.1420 | Signals – radio, telephone or other | 8/9/10 | Added |

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| | electronic transmission of signals | | |
| 1926.1421 | Signals – voice signals – additional requirements | 8/9/10 | Added |
| 1926.1422 | Signals – hand signal chart | 8/9/10 | Added |
| 1926.1423 | Fall protection | 8/9/10 | Added |
| 1926.1424 | Work area control | 8/9/10 | Added |
| 1926.1425 | Keeping clear of the load | 8/9/10 | Added |
| 1926.1426 | Free fall and controlled load lowering | 8/9/10 | Added |
| 1926.1427 | Operator qualification and certification | 8/9/10 | Added |
| 1926.1428 | Signal person qualifications | 8/9/10 | Added |
| 1926.1429 | Qualification of maintenance & repair employees | 8/9/10 | Added |
| 1926.1430 | Training | 8/9/10 | Added |
| 1926.1431 | Hoisting personnel | 8/9/10 | Added |
| 1926.1432 | Multiple-crane/derrick lifts - supplemental requirements | 8/9/10 | Added |
| 1926.1433 | Design, construction and testing | 8/9/10 | Added |
| 1926.1434 | Equipment modifications | 8/9/10 | Added |
| 1926.1435 | Tower cranes | 8/9/10 | Added |
| 1926.1436 | Derricks | 8/9/10 | Added |
| 1926.1437 | Floating cranes/derricks and land cranes/derricks on barges | 8/9/10 | Added |
| 1926.1438 | Overhead & gantry cranes | 8/9/10 | Added |
| 1926.1439 | Dedicated pile drivers | 8/9/10 | Added |
| 1926.1440 | Sideboom cranes | 8/9/10 | Added |
| 1926.1441 | Equipment with a rated hoisting/lifting capacity of 2,000 pounds or less | 8/9/10 | Added |
| 1926.1442 | Severability | 8/9/10 | Added |
| Appendix A to Subpart CC of Part 1926 – Standard Hand Signals | | 8/9/10 | Added |
| Appendix B to Subpart CC of Part 1926 – Assembly/Disassembly: Sample Procedures for Minimizing the Risk of Unintended Dangerous Boom Movement | | 8/9/10 | Added |
| Appendix C to Subpart CC of Part 1926 – Operator Certification: Written Examination: Technical Knowledge Criteria | | 8/9/10 | Added |

Statement of Purpose: The adoption by reference of these revisions to the Federal Occupational Safety and Health Standards will serve to update Connecticut Occupational Safety and Health Standards in accordance with Section 31-372 of the Connecticut General Statutes. On August 9, 2010, the federal Occupational Safety and Health Administration published its intent to adopt revisions to the Cranes and Derricks in Construction standard. The standard revisions became effective in private sector employment on November 8, 2010.

Conn. Gen. Stat. 31-372 requires, as an element of Connecticut's approved Public Sector-Only State Plan, that the Department of Labor's Occupational Safety and Health Division (CONN-OSHA) adopt all occupational health and safety standards, amendments or changes adopted or recognized by the United States Secretary of Labor under the authority of the Occupational Safety and Health Act of 1970.

These proposed adoptions by reference are designed to update and specify industry work practices necessary to protect employees during the use of cranes and derricks in construction. This final standard also addresses advances in the designs of cranes and derricks, related hazards, and the qualifications of employees needed to operate them safely.

Under this final rule, employers must determine whether the ground is sufficient to support the anticipated weight of hoisting equipment and associated loads. The employer is then required to assess hazards within the work zone that would affect the safe operation of hoisting equipment, such as those of power lines and objects or personnel that would be within the work zone or swing radius of the hoisting equipment. Finally, the employer is required to ensure that the equipment is in safe operating condition via required inspections and that employees in the work zone are trained to recognize hazards associated with the use of the equipment and any related duties that they are assigned to perform.

CERTIFICATION

R-39 REV. 1/77

Be it known that the foregoing:

Regulations Emergency Regulations

Are:

Adopted Amended as hereinabove stated Repealed

By the aforesaid agency pursuant to:

Section 31-372 of the General Statutes.

Section _____ of the General Statutes, as amended by Public Act No. _____ of the _____ Public Acts.

Public Act No. _____

After publication in the Connecticut Law Journal on May 17, 2011 of the notice of the proposal to:

Adopt Amend Repeal such regulations

(If applicable): And the holding of an advertised public hearing on June 15, 2011.

WHEREFORE, the foregoing regulations are hereby:

Adopted Amended as hereinabove stated Repealed

Effective:

When filed with the Secretary of the State.

(OR)

_____ the _____ day of _____ 2008.

7/28/11 [Signature] Commissioner

In Witness Whereof: | Date | Signed (Head of Board, Agency or Commissioner) | Official Title, Duly Authorized

Approved by the Attorney General as to legal sufficiency | Signed _____ | Official Title, Duly in _____

accordance with Sec. 4-169, as amended, C.G.S.

| Authorized Joseph Rubin ASSOC. ATTY. GENERAL

Approved

Disapproved

Disapproved in part, (Indicate Section Numbers disapproved only)

Rejected without prejudice

By the Legislative Regulation Review Committee in accordance | Date _____ | Signed (Clerk of the Legislative

with Sec. 4-170, as amended, of the General Statutes

Regulation Review Committee)

Two certified copies received and filed, and one such copy forwarded to the Commission on Official Legal Publications in accordance with Section 4-172, as amended, of the General Statutes.

Date _____ | Signed (Secretary of the State) _____ | By _____

Instructions

1. One copy of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the Attorney General for his determination of legal sufficiency. Section 4-169 of the General Statutes.
2. Seventeen copies of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the standing Legislative Regulation Review Committee for its approval. Section 4-170 of the General Statutes.
3. Each regulation must be in the form intended for publication and must include the appropriate regulation section number and section heading. Section 4-172 of the General Statutes.
4. Indicate by "(NEW)" in heading if new regulation. Amended regulation must contain new language in capital letters and deleted language in brackets. Section 4-170 of the General Statutes.