

### Raleigh Field Office

Mailing Address: 1101 Mail Service Center  
Raleigh, NC 27699-1101  
Office Location: 3801 Lake Boone Trail, Suite 300  
Raleigh, NC 27607  
Telephone: (919) 779-8570 Fax: (919) 420-7966

### Wilmington Field Office

1200 N. 23rd St., Suite 205  
Wilmington, NC 28405-1824  
Telephone: (910) 251-2678 Fax: (910) 251-2654

### Winston-Salem Field Office

4964 University Pkwy., Suite 202  
Winston-Salem, NC 27106-2800  
Telephone: (336) 776-4420 Fax: (336) 776-4422

*For statistical information concerning program activities, contact:*

### Planning, Statistics and Information Management Bureau

Mailing Address: 1101 Mail Service Center  
Raleigh, NC 27699-1101  
Office Location: 111 Hillsborough St.  
(Old Revenue Building, 2nd Floor)  
Telephone: (919) 807-2950 Fax: (919) 807-2951

**To make an OSH Complaint,  
OSH Complaint Desk: (919) 807-2796**



**Cherie Berry**

*Commissioner of Labor*

*N.C. Department of Labor*  
1101 Mail Service Center  
Raleigh, NC 27699-1101

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# MOST SERIOUS OSH VIOLATIONS IN LOGGING AND ARBORICULTURE FOR 2009



**Cherie Berry**  
*Commissioner of Labor*

## OSH Division Administration and Enforcement

In North Carolina, NCDOL inspectors enforce the federal Occupational Safety and Health Act through a state plan approved by the U.S. Department of Labor. The Occupational Safety and Health (OSH) Division of the N.C. Department of Labor offers many educational programs to the public and produces publications, including this guide, to help inform people about their rights and responsibilities regarding occupational safety and health.

When looking through this brochure, please remember the mission of the N.C. Department of Labor is greater than just to enforce regulations. An equally important goal is to help people find ways to create safe workplaces. This brochure, like the many other educational materials produced by this department, can help. Reading and using this information will aid you in developing a safety and health program that saves lives.

**Compliance** assists employers in improving their workplace safety and health programs to eliminate on-the-job injuries and illnesses through enforcement activity.

**Consultative Services** provides free on-site consultation regarding both safety and health issues. Services are provided to employers of limited size and to employers within high-hazard industries, assisting them to reach their goal of achieving a safe and healthful workplace for their employees.

**Education, Training and Technical Assistance (ETTA)** offers educational materials, arranges conferences and provides professional training for OSH staff members and for the public. In addition, ETTA administers the adoption of federal standards and develops North Carolina-specific standards, responds to requests for technical assistance and interpretations, and publishes a wide variety of industry guides, safety and health standards books for general industry and construction, and other documents of interest to the public.

## 10 Most Frequently Cited Serious Standards

### Logging

1. 1910.266(d)(1)—Logging—General requirements—Personal protective equipment.
  - a. 1910.266(d)(1)(iv)—Leg protection.
  - b. 1910.266(d)(1)(vii)—Eye and face protection.
  - c. 1910.266(d)(1)(v)—Foot protection.
2. 1910.266(i)(7)—Logging—First aid training.
  - a. 1910.266(i)(7)(i)—Each employee, including supervisors, is first aid and CPR trained.
  - b. 1910.266(i)(7)(ii)—Each employee's first aid and CPR training/certificate is current.
3. 1910.266(e)(1)—Logging—Hand and portable tools—General requirements.
  - a. 1910.266(e)(1)(ii)—Each tool is inspected before initial use during each workshift.
  - b. 1910.266(e)(1)(ii)(H)—At a minimum, the inspection [of tools] must include all other safety devices.
4. 1910.266(e)(2)—Logging—Chain saws.
  - a. 1910.266(e)(2)(ii)—Each gas-powered chain saw must be equipped with a continuous pressure throttle control system.
  - b. 1910.266(e)(2)(i)—Each chain saw shall be equipped with a chain brake or anti-chain saw kickback device.
  - c. 1910.266(e)(2)(vi)—Each chain saw shall be started on the ground or where otherwise firmly supported. Drop starting a chain saw is prohibited.
5. 1910.266(d)(2)—Logging—General requirements—First aid kits.
  - a. 1910.266(d)(2)(i)—First aid kits shall be provided at each work site where trees are being cut, at each active landing and on each employee transport vehicle.
  - b. 1910.266(d)(2)(iv)—The employer shall maintain the contents of each first aid kit in a serviceable condition.
6. 1910.1030(c)(1)—Bloodborne pathogens—Exposure Control Plan.
  - a. 1910.1030(c)(1)(i)—Each employer having employees with occupational exposure to blood and other potentially infectious materials shall establish a written Exposure Control Plan.
7. 1910.266(f)(3)—Logging—Machines—Protective structures.
8. 1910.266(d)(3)—Logging—General requirements—Seat belts.
9. 1910.266(h)(6)—Logging—Tree harvesting—Loading and unloading.
10. 1910.132(d)(2)—Personal protective equipment—General requirements—Employer verification of workplace hazard assessment.



*Proper personal protective equipment for logging includes protection for head and face, hands, hearing, legs and feet.*



*Only the machine operator and essential personnel can be in the loading and unloading work area during this operation.*

## 10 Most Frequently Cited Serious Standards

### Arboriculture

1. 1910.266(d)(1)—Logging—General requirements—Personal protective equipment.
  - a. 1910.266(d)(1)(vii)(A)—Eye protection.
  - b. 1910.266(d)(1)(iv)—Leg protection.
  - c. 1910.266(d)(1)(v)—Foot protection.
  - d. 1910.266(d)(1)(vi)—Head protection.
  - e. 1910.266(d)(1)(vii)(B)—Face protection.
2. 1910.135(a)(1)—Head protection—General requirements.
3. 1910.67(c)(2)—Vehicle-mounted elevating and rotating work platforms—Extensible and articulating boom platforms.
  - a. 1910.67(c)(2)(v)—Body belts must be worn and lanyards attached to boom or basket when working from an aerial lift.  
(Also cited: 1926.453(b)(2)(v)—Body belts must be worn and lanyards attached to the boom or basket when working from an aerial lift.)
  - b. 1910.67(c)(2)(viii)—Aerial lift may not be moved with workers in the basket, except for equipment designed for this type of operation.
4. 1910.132(a)—Personal protective equipment—General requirements—Application.
5. N.C.G.S. 95-129(1)—General Duty Clause.
  - a. Employee using a pull line to direct the fall of a tree was not clear a minimum of one tree length from the fall area of the tree [ANSI Z133.1-2006].
  - b. Employees directing the fall of a tree did not prepare a cleared escape route prior to felling the tree [ANSI Z133.1-2006].
6. 1910.132(d)(2)—Personal protective equipment—Certification of workplace hazard assessment.
7. 1910.132(d)(1)—Personal protective equipment—Employers must conduct a workplace hazard assessment.
8. 1910.132(f)(4)—Personal protective equipment—Employers must verify, in writing, that each employee has received and understood training about personal protective equipment.
9. 1910.133(a)(1)—Eye and face protection—Employers must ensure employees use proper eye and face protection when exposed to flying particles, etc.
10. 1926.201(a)(1)—Signaling—Flaggers and the use of flaggers, including warning garments worn by flaggers, shall conform to Part VI of the MUTCD.



*Proper way to start a chainsaw.*

## Occupational Safety and Health Sources of Information

You may call 1-800-NC-LABOR to reach any division of the N.C. Department of Labor; or visit the NCDOL home page on the World Wide Web: [www.nclabor.com](http://www.nclabor.com).

### Occupational Safety and Health Division

Mailing Address: 1101 Mail Service Center  
Raleigh, NC 27699-1101  
Office Location: 111 Hillsborough St.  
(Old Revenue Building, 3rd Floor)  
Telephone: (919) 807-2900 Fax: (919) 807-2856

*For information concerning education, training and interpretations of occupational safety and health standards, contact:*

### Education, Training and Technical Assistance Bureau

Mailing Address: 1101 Mail Service Center  
Raleigh, NC 27699-1101  
Office Location: 111 Hillsborough St.  
(Old Revenue Building, 4th Floor)  
Telephone: (919) 807-2875 Fax: (919) 807-2876

*For information concerning occupational safety and health consultative services and safety awards programs, contact:*

### Consultative Services Bureau

Mailing Address: 1101 Mail Service Center  
Raleigh, NC 27699-1101  
Office Location: 111 Hillsborough St.  
(Old Revenue Building, 3rd Floor)  
Telephone: (919) 807-2899 Fax: (919) 807-2902

*For information concerning migrant housing inspections and other related activities, contact:*

### Agricultural Safety and Health Bureau

Mailing Address: 1101 Mail Service Center  
Raleigh, NC 27699-1101  
Office Location: 111 Hillsborough St.  
(Old Revenue Building, 2nd Floor)  
Telephone: (919) 807-2923 Fax: (919) 807-2924

*For information concerning occupational safety and health compliance, contact a Compliance field office:*

### Asheville Field Office

204 Charlotte Highway, Suite B  
Asheville, NC 28803-8681  
Telephone: (828) 299-8232 Fax: (828) 299-8266

### Charlotte Field Office

901 Blairhill Road, Suite 200  
Charlotte, NC 28217-1578  
Telephone: (704) 665-4341 Fax: (704) 665-4342