

N.C. Department of Labor
Occupational Safety and Health Division
October 2008–September 2009

Top 25 Most Frequently Cited “Serious” Violations Construction Standards

Standard Violated	Total Violations	Serious Violations	Serious Percent	Willful Violations	Repeat Violations	Other Violations	Brief Description
1926.20(b)(2)	337	287	85%	0	12	38	General safety and health provisions—Accident prevention—Frequent and regular inspections
1926.501(b)(13)	285	252	89%	0	27	6	Fall protection—Residential construction—Employees protected 6 feet or more above lower level
1926.102(a)(1)	204	178	87%	0	7	19	PPE—Eye and face protection—General requirements
1926.1053(b)(1)	189	174	92%	0	2	13	Ladders—Must extend 3 feet above landing or be properly secured to access upper landing
1926.501(b)(1)	167	155	93%	0	6	6	Fall protection—Unprotected sides and edges—Employees protected 6 feet or more above lower level
1926.501(b)(11)	136	126	92%	0	9	1	Fall protection—Steep roofs—Employees protected 6 feet or more above lower level
1926.100(a)	127	108	85%	0	6	13	PPE—Head protection—General requirement
1926.503(a)(1)	113	101	89%	0	2	10	Fall protection—Training program
1926.451(e)(1)	104	98	94%	0	2	4	Scaffolds—Access by various means
1926.451(g)(4)(i)	94	84	89%	0	9	1	Scaffolds—Guardrail systems—Installed on open sides and ends of platforms
1926.21(b)(2)	94	81	86%	0	0	13	Safety training and education—Instruction to avoid unsafe conditions
1926.20(b)(1)	85	78	92%	0	1	6	General safety and health provisions—Accident prevention program
1926.454(a)	79	71	90%	0	2	6	Scaffold—Training—Hazard recognition for type of scaffold in use
1926.503(b)(1)	96	67	70%	0	2	27	Fall protection—Certification of training
1926.451(g)(1)(vii)	70	65	93%	0	2	3	Scaffolds—Fall protection—Employees protected by personal fall arrest/guardrail system
1926.453(b)(2)(v)	63	60	95%	0	0	3	Scaffolds—Aerial lifts—Extensible and articulating boom platforms—Body belts and lanyards worn/used
1926.501(b)(10)	62	55	89%	0	4	3	Fall protection—Low slope roofs—Employees protected 6 feet or more above lower level
1926.451(f)(7)	55	51	93%	0	1	3	Scaffolds—Use—Erected, moved, dismantled or altered under supervision of competent person
1926.1053(b)(13)	51	50	98%	0	0	1	Ladders—Use—Top step used as a step
1926.1060(a)	53	47	89%	0	0	6	Stairways and ladders—Training program
1926.652(a)(1)	50	45	90%	0	2	3	Excavations—Protection of persons in excavations
1926.451(b)(1)(i)	47	44	94%	0	2	1	Scaffolds—Platform construction—Platform unit installation
1926.451(b)(1)	44	42	96%	0	1	1	Scaffolds—Platform construction—Fully decked and planked
1926.451(g)(1)	44	42	96%	0	0	2	Scaffolds—Fall protection—Employees protected 10 feet or more above lower level
1926.503(c)(3)	42	39	93%	0	0	3	Fall protection—Retraining when employee inadequacies in knowledge or use identified

N.C. Department of Labor
Occupational Safety and Health Division
October 2008–September 2009

Top 25 Most Frequently Cited “Serious” Violations General Industry Standards

Standard Violated	Total Violations	Serious Violations	Serious Percent	Willful Violations	Repeat Violations	Other Violations	Brief Description
1910.212(a)(1)	238	205	86%	0	7	26	Machine guarding—General requirements
1910.215(b)(9)	265	192	73%	0	3	70	Machine guarding—Abrasive wheel machinery—Exposure adjustment
1910.215(a)(4)	209	138	66%	0	2	69	Machine guarding—Abrasive wheel machinery—Work rests
1910.151(c)	160	122	76%	0	3	35	Medical and first aid—Eyewash and emergency showers
NCGS 95-129(1)	108	105	97%	0	2	1	General Duty Clause
1910.304(g)(5)	215	102	48%	0	13	100	Electrical—Grounding—Path to ground
1910.133(a)(1)	102	83	81%	0	0	19	Eye and face protection—General requirements
1910.305(b)(1)(ii)	191	74	39%	0	2	115	Electrical cabinets, boxes and fittings—Unused openings effectively closed
1910.23(c)(1)	111	73	66%	0	1	37	Walking and working surfaces—Protect open sided floors, platforms and runways
1910.212(a)(3)(ii)	71	62	87%	0	1	8	Machine guarding—Point of operation guarding
1910.147(c)(4)(i)	67	57	85%	0	1	9	Lockout/tagout—Energy control procedures
1910.132(a)	62	47	76%	0	1	14	Personal protective equipment—General requirements—Provided when necessary
1910.1200(e)(1)	430	45	10%	0	3	382	Hazard communication—Written program
1910.212(b)	148	45	31%	0	1	101	Machine guarding—Fixed machinery—Anchored to prevent moving/walking
1910.147(c)(1)	65	45	69%	0	1	19	Lockout/tagout—Energy control program
1910.219(d)(1)	41	39	95%	0	0	2	Machine guarding—Pulleys—Guarded within 7 feet or less of floor
1910.242(b)	110	38	35%	0	1	71	Hand and portable power tools—Compressed air for cleaning—Chip guard and PPE with pressure reduced to 30 psi
1910.178(l)(1)	67	38	57%	0	0	29	Powered industrial trucks—Operator training—Ensure operator competency
1910.132(d)(1)	81	37	46%	0	0	44	Personal protective equipment—Hazard assessment
1910.1200(h)(1)	178	35	20%	0	2	141	Hazard communication—Training
1910.305(b)(2)(i)	102	33	32%	0	1	68	Electrical—Covers and canopies—Pull and junction boxes and fittings with approved covers
1910.147(c)(6)(i)	77	31	40%	0	1	45	Lockout/tagout—Periodic inspection
1910.305(g)(2)(iii)	196	28	14%	0	2	166	Electrical—Flexible cords and cables—Strain relief
1910.178(q)(7)	102	28	27%	0	0	74	Powered industrial trucks—Maintenance
1910.147(c)(4)(ii)	55	26	47%	0	0	29	Lockout/tagout—Energy control procedure—Clear and outlines scope, purpose and authorizations

**N.C. Department of Labor
Occupational Safety and Health Division
October 2008–September 2009**

Top 10 Most Frequently Cited “Serious” Violations Public Sector

Standard Violated	Total Violations	Serious Violations	Serious Percent	Willful Violations	Repeat Violations	Other Violations	Brief Description
1910.151(c)	8	8	100%	0	0	0	Medical and first aid—Eyewash and emergency showers
NCGS 95-129(1)	7	7	100%	0	0	0	General Duty Clause
1910.133(a)(1)	6	5	83%	0	0	1	Eye and face protection—General requirements
1910.304(g)(5)	6	4	67%	0	0	2	Electrical—Grounding—Path to ground
1910.305(b)(1)(ii)	5	4	80%	0	0	1	Electrical—Cabinets, boxes and fittings—Unused openings effectively closed
1910.212(a)(1)	4	4	100%	0	0	0	Machine guarding—General requirements
1910.303(b)(1)(ii)	4	4	100%	0	0	0	Electrical—General—Examination, installation and use—Mechanical strength and durability
1910.23(c)(1)	5	3	60%	0	0	2	Walking/working surfaces—Open sided floors/platforms 4 feet or more above adjacent ground require standard railings
1910.132(d)(1)	4	3	75%	0	0	1	Personal protective equipment—Hazard assessment
1910.134(c)(1)	4	3	75%	0	0	1	Personal protective equipment—Respiratory protection—Written program