

N.C. Department of Labor
Occupational Safety and Health Division
 October 2010–September 2011

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
1926.501(b)(13)	321	295	92%	1	23	2	Fall protection—Residential construction—Employees protected 6 feet or more above lower level
1926.20(b)(2)	238	203	85%	14	0	21	General safety and health provisions—Accident prevention—Frequent and regular inspections
1926.1053(b)(1)	176	165	94%	1	6	4	Ladders—Must extend 3 feet above landing or be properly secured to access upper landing
1926.102(a)(1)	173	165	95%	0	4	4	PPE—Eye and face protection—General requirements
1926.100(a)	109	100	92%	0	3	6	PPE—Head protection—General requirements
1926.503(a)(1)	102	100	98%	0	2	0	Fall protection—Training program
1926.501(b)(11)	89	79	89%	1	8	1	Fall protection—Steep roofs—Employees protected 6 feet or more above lower level
1926.501(b)(1)	81	77	95%	0	1	3	Fall protection—Unprotected sides and edges—Employees protected 6 feet or more above lower level
1926.20(b)(1)	64	57	89%	0	0	7	General safety and health provisions—Accident prevention program
1926.501(b)(10)	55	53	96%	0	2	0	Fall protection—Low slope roofs—Employees protected 6 feet or more above lower level
1926.21(b)(2)	54	48	89%	0	0	6	Safety training and education—Instruction to avoid unsafe conditions
1926.1060(a)	51	43	84%	0	2	6	Stairways and ladders—Training program
1926.501(c)(3)	46	42	91%	0	3	1	Fall protection—Protection from falling objects—Barricade area to which objects could fall
1926.1053(b)(13)	41	39	95%	0	0	2	Ladders—Use—Top step used as a step
1926.454(a)	44	37	84%	0	1	6	Scaffolds—Training—Hazard recognition for type of scaffold in use
1926.451(e)(1)	40	33	82%	0	1	6	Scaffolds—Access by various means
1926.1053(b)(4)	40	31	78%	0	0	9	Ladders—Use—Used for the purpose for which designed
1926.501(b)(14)	32	30	94%	0	0	2	Fall protection—Wall openings—Employees protected 6 feet or more above lower level
1926.503(a)(2)	36	28	78%	0	1	7	Fall protection—Training—Each employee trained by competent person
1926.451(g)(4)(i)	29	28	97%	0	0	1	Scaffolds—Guardrail systems—Installed on open sides and ends of platforms
1926.453(b)(2)(v)	29	28	97%	0	0	1	Scaffolds—Aerial lifts—Extensible and articulating boom platforms—Body belts and lanyards worn/used
1926.451(g)(1)(vii)	31	27	87%	0	2	2	Scaffolds—Fall protection—Employees protected by personal fall arrest/guardrail system
1926.451(g)(1)	28	27	96%	0	0	1	Scaffolds—Fall protection—Employees protected 10 feet or more above lower level
1926.503(b)(1)	73	26	36%	0	2	45	Fall protection—Certification of training
NCGS 95-129(1)	26	26	100%	0	0	0	General Duty Clause

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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)	110	103	94%	0	1	6	Machine guarding—General requirements
NCGS 95-129(1)	90	90	100%	0	0	0	General Duty Clause
1910.215(b)(9)	104	81	78%	0	0	23	Machine guarding—Abrasive wheel machinery—Exposure adjustment
1910.151(c)	104	80	77%	0	2	22	Medical and first aid—Eyewash and emergency showers
1910.1200(e)(1)	278	77	28%	0	4	197	Hazard communication—Written program
1910.133(a)(1)	67	59	88%	0	1	7	Eye and face protection—General requirements
1910.304(g)(5)	101	57	56%	0	3	41	Electrical—Grounding—Path to ground
1910.215(a)(4)	85	57	67%	0	0	28	Machine guarding—Abrasive wheel machinery—Work rests
1910.1200(h)(1)	131	50	38%	0	1	80	Hazard communication—Training
1910.23(c)(1)	67	50	75%	0	1	16	Walking and working surfaces—Protect open-sided floors, platforms and runways
1910.132(a)	55	48	87%	0	0	7	Personal protective equipment—General requirements—Provided when necessary
1910.1200(f)(5)(i)	162	39	24%	0	1	122	Hazard communication—Labeling—Identity of chemical
1910.305(b)(1)(ii)	85	37	44%	0	1	47	Electrical cabinets, boxes and fittings—Unused openings effectively closed
1910.147(c)(6)(i)	56	37	66%	0	3	16	Lockout/tagout—Periodic inspection
1910.242(b)	62	36	58%	0	1	25	Hand and portable power tools—Compressed air for cleaning—Chip guard and PPE with pressure reduced to less than 30 psi
1910.147(c)(4)(i)	39	36	92%	0	2	1	Lockout/tagout—Energy control procedures
1910.132(d)(1)	73	35	48%	0	0	38	Personal protective equipment—Hazard assessment
1910.178(q)(7)	65	34	52%	0	0	31	Powered industrial trucks—Maintenance
1910.147(c)(4)(ii)	39	34	87%	0	1	4	Lockout/tagout—Energy control procedure—Clear and outlines scope, purpose and authorizations
1910.212(a)(3)(ii)	38	34	89%	0	1	3	Machine guarding—Point of operation guarding
1910.1200(g)(1)	104	31	30%	0	1	72	Hazard communication—MSDS for each chemical in the workplace
1910.147(c)(1)	39	31	79%	0	1	7	Lockout/tagout—Energy control program
1910.1030(c)(1)(i)	38	30	79%	0	0	8	Bloodborne pathogens—Written exposure control plan
1910.219(f)(3)	30	30	100%	0	0	0	Mechanical power transmission apparatus—Sprockets/chains enclosed
1910.219(d)(1)	26	25	96%	0	0	1	Machine guarding—Pulleys—Guarded within 7 feet or less of floor

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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
1910.146(c)(1)	6	6	100%	0	0	0	Permit-required confined space entry—Evaluation to determine if there are permit-required confined spaces
1910.147(c)(6)(i)	7	5	71%	0	0	2	Lockout/tagout—Periodic inspection
1910.146(c)(2)	5	5	100%	0	0	0	Permit-required confined space entry—Posting permit-required confined spaces
1910.147(c)(4)(ii)	5	5	100%	0	0	0	Lockout/tagout—Energy control procedure—Clear and outlines scope, purpose and authorizations
1910.305(b)(1)	5	4	80%	0	0	1	Conductors entering cabinets, boxes, or fittings protected from abrasion, and openings effectively closed
NCGS 95-129(1)	4	4	100%	0	0	0	General Duty Clause
1910.151(c)	4	4	100%	0	0	0	Medical and first aid—Eyewash and emergency showers
1910.157(e)(2)	13	3	23%	0	0	10	Portable fire extinguishers—Monthly visual inspection
1910.1200(e)(1)	8	3	38%	0	0	5	Hazard communication—Written program
1910.134(f)(2)	6	3	50%	0	1	2	Respiratory protection—Fit testing for tight-fitting respirators