

**N.C. Department of Labor**  
**Occupational Safety and Health Division**  
 October 2009–September 2010

## 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)	183	169	92%	1	9	4	Fall protection—Residential construction—Employees protected 6 feet or more above lower level
1926.20(b)(2)	203	168	83%	0	8	27	General safety and health provisions—Accident prevention—Frequent and regular inspections
1926.1053(b)(1)	162	144	89%	0	11	7	Ladders—Must extend 3 feet above landing or be properly secured to access upper landing
1926.102(a)(1)	130	122	94%	0	2	6	PPE—Eye and face protection—General requirements
1926.501(b)(11)	120	108	90%	0	10	2	Fall protection—Steep roofs—Employees protected 6 feet or more above lower level
1926.501(b)(1)	103	94	91%	0	3	6	Fall protection—Unprotected sides and edges—Employees protected 6 feet or more above lower level
1926.503(a)(1)	98	92	94%	0	3	3	Fall protection—Training program
1926.100(a)	95	76	80%	0	4	15	PPE—Head protection—General requirements
1926.501(b)(10)	60	52	87%	0	5	3	Fall protection—Low slope roofs—Employees protected 6 feet or more above lower level
1926.1060(a)	57	51	89%	0	0	6	Stairways and ladders—Training program
1926.20(b)(1)	60	50	83%	0	0	10	General safety and health provisions—Accident prevention program
NCGS 95-129(1)	57	51	89%	0	0	6	General Duty Clause
1926.451(e)(1)	60	50	83%	0	0	10	Scaffolds—Access by various means
1926.21(b)(2)	59	44	75%	1	0	14	Safety training and education—Instruction to avoid unsafe conditions
1926.1053(b)(4)	51	44	86%	0	0	7	Ladders—Use—Used for the purpose for which designed
1926.503(b)(1)	82	39	48%	0	3	40	Fall protection—Certification of training
1926.451(g)(4)(i)	40	38	95%	0	2	0	Scaffolds—Guardrail systems—Installed on open sides and ends of platforms
1926.503(a)(2)	42	36	86%	0	1	5	Fall protection—Training—Each employee trained by competent person
1926.451(g)(1)(vii)	38	34	89%	0	1	3	Scaffolds—Fall protection—Employees protected by personal fall arrest/guardrail system
1926.1053(b)(13)	36	34	94%	0	0	2	Ladders—Use—Top step used as a step
1926.652(a)(1)	34	29	85%	3	1	1	Excavations—Protection of persons in excavations
1926.453(b)(2)(v)	28	28	100%	0	0	0	Scaffolds—Aerial lifts—Extensible and articulating boom platforms—Body belts and lanyards worn/used
1926.454(a)	31	27	87%	0	0	4	Scaffolds—Training—Hazard recognition for type of scaffold in use
1926.451(c)(2)	29	27	93%	0	1	1	Scaffolds—Supported scaffolds—Shall bear on base plates and mud sills or other adequate firm foundation
1926.501(c)(3)	27	27	100%	0	0	0	Fall protection—Protection from falling object—Barricade area to which objects could fall

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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)	127	116	91%	0	1	10	Machine guarding—General requirements
1910.151(c)	134	108	81%	0	4	22	Medical and first aid—Eyewash and emergency showers
NCGS 95-129(1)	111	106	96%	0	2	3	General Duty Clause
1910.215(b)(9)	131	105	80%	0	1	25	Machine guarding—Abrasive wheel machinery—Exposure adjustment
1910.304(g)(5)	160	81	51%	0	4	75	Electrical—Grounding—Path to ground
1910.215(a)(4)	97	71	73%	0	1	25	Machine guarding—Abrasive wheel machinery—Work rests
1910.1200(e)(1)	335	63	19%	0	3	269	Hazard communication—Written program
1910.212(a)(3)(ii)	61	58	95%	0	0	3	Machine guarding—Point of operation guarding
1910.133(a)(1)	64	55	86%	0	1	8	Eye and face protection—General requirements
1910.1200(h)(1)	169	54	32%	0	5	110	Hazard communication—Training
1910.23(c)(1)	67	53	79%	0	0	14	Walking and working surfaces—Protect open sided floors, platforms and runways
1910.132(a)	52	50	96%	0	0	2	Personal protective equipment—General requirements—Provided when necessary
1910.1030(c)(1)(i)	65	47	72%	0	0	18	Bloodborne pathogens—Written exposure control plan
1910.132(d)(1)	75	38	51%	0	0	37	Personal protective equipment—Hazard assessment
1910.147(c)(1)	47	38	81%	1	0	8	Lockout/tagout—Energy control program
1910.305(b)(1)(ii)	102	35	34%	0	2	65	Electrical cabinets, boxes and fittings—Unused openings effectively closed
1910.242(b)	75	33	44%	0	1	41	Hand and portable power tools—Compressed air for cleaning—Chip guard and PPE with pressure reduced to 30 psi
1910.1030(c)(1)(iv)	61	27	44%	0	0	34	Bloodborne pathogens—Exposure control plan—Reviewed and updated annually
1910.305(b)(2)(i)	73	26	36%	0	2	45	Electrical—Covers and canopies—Pull and junction boxes and fittings with approved covers
1910.178(l)(1)(i)	34	26	76%	0	1	7	Powered industrial trucks—Operator training
1910.1030(g)(2)(i)	27	26	96%	0	0	1	Bloodborne pathogens—Training
1910.219(d)(1)	25	25	100%	0	0	0	Machine guarding—Pulleys—Guarded within 7 feet or less of floor
1910.147(c)(4)(i)	32	24	75%	1	0	7	Lockout/tagout—Energy control procedures
1910.1200(f)(5)(i)	138	23	17%	0	1	114	Hazard communication—Labeling—Identity of chemical
1910.212(b)	88	23	26%	0	1	64	Machine guarding—Fixed machinery—Anchored to prevent moving/walking

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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
NCGS 95-129(1)	4	3	75%	0	0	1	General Duty Clause
1910.132(a)	2	2	100%	0	0	0	PPE—General requirements
1910.147(c)(4)(ii)	2	2	100%	0	0	0	Lockout/tagout—Energy control procedure—Clear and outlines scope, purpose and authorizations
1910.147(c)(6)(ii)	2	2	100%	0	0	0	Lockout/tagout—Certify periodic inspection
1926.1101(k)(2)(ii)(c)	2	2	100%	0	0	0	Asbestos—Duty of building owners to inform building tenants
1910.132(d)(1)	2	1	50%	0	0	1	Personal protective equipment—Hazard assessment
1910.242(b)	2	1	50%	0	0	1	Hand and portable power tools—Compressed air for cleaning—Chip guard and PPE with pressure reduced to 30 psi
1910.23(c)(1)	1	1	100%	0	0	0	Walking/working surfaces—Open sided floors/platforms 4 ft. or more above adjacent ground require standard railings
1910.24(e)	1	1	100%	0	0	0	Fixed stairs—Angle of stairway rise
1910.120(q)(6)(i)	1	1	100%	0	0	0	HAZWOPER—Training—Awareness level