

**N.C. Department of Labor
Occupational Safety and Health Division
State and Federal Comparisons
October 2007–September 2008**

Top 25 Most Frequently Cited “Serious” Construction Standards*

Standards Violated	Total Violations	Serious Violations	Willful Violations	Repeat Violations	Other Violations	Brief Description
1926.501(b)(13)	471	419	1	41	10	Fall protection—Residential construction—Employees protected 6 ft. or more above lower level
1926.102(a)(1)	280	245	0	17	18	PPE—Eye and face protection—General requirements
1926.20(b)(2)	272	223	0	13	36	General safety & health provisions—Accident prevention—Frequent and regular inspections
1926.1053(b)(1)	239	229	0	4	6	Ladders—Must extend 3 ft. above landing or be properly secured to access upper landing
1926.501(b)(1)	170	150	0	11	9	Fall protection—Unprotected sides and edges—Employees protected 6 ft. or more above lower level
1926.100(a)	168	137	0	1	30	PPE—Head protection—General requirements
1926.501(b)(11)	124	116	0	8	0	Fall protection—Steep roofs—Employees protected 6 ft. or more above lower level
1926.503(a)(1)	120	116	0	1	3	Fall protection—Training program
1926.451(e)(1)	123	108	0	7	8	Scaffolds—Access by various means
1926.451(g)(1)	84	81	0	3	0	Scaffolds—Fall protection—Employees protected 10 ft. or more above lower level
1926.451(g)(1)(vii)	84	79	0	4	1	Scaffolds—Fall protection—Employees protected by personal fall arrest/guardrail system
1926.451(c)(2)	82	72	0	2	8	Scaffolds—Supported scaffolds—Shall bear on adequate foundation
1926.501(b)(10)	74	68	0	3	3	Fall Protection—Low slope roofs—Employees protected 6 ft. or more above lower level
1926.503(b)(1)	91	64	0	1	26	Fall Protection—Certification of training
1926.451(f)(7)	62	56	0	1	5	Scaffolds—Use—Erected, moved, dismantled or altered under supervision of competent person
1926.451(g)(4)(i)	59	55	0	4	0	Scaffolds—Guardrails systems—Installed on open sides and ends of platforms
1926.451(b)(1)(i)	59	54	0	3	2	Scaffolds—Platform construction—Platform unit installation
1926.20(b)(1)	52	49	0	0	3	General safety and health provisions—Accident prevention program
1926.21(b)(2)	65	48	0	1	16	Safety training and education—Instruction to avoid unsafe conditions
1926.454(a)	53	45	0	1	7	Scaffolds—Training—Hazard recognition for type of scaffold in use
1926.503(c)(3)	50	45	0	3	2	Fall protection—Retraining when employee inadequacies in knowledge or use identified
1926.652(a)(1)	54	44	1	6	3	Excavations—Protection of persons in excavations
1926.451(b)(1)	46	43	0	2	1	Scaffolds—Platform construction—Fully decked and planked
1926.453(b)(2)(v)	46	43	0	1	2	Scaffolds—Aerial lifts—Extensible and articulating boom platforms—Body belts and lanyards worn/used
1926.1060(a)	52	40	0	0	12	Stairways and ladders—Training program

*Data from an IMIS micro-to-host report, “Freq. Violated Stds. Report,” run 1-21-09.

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

Standards Violated	Total Violations	Serious Violations	Willful Violations	Repeat Violations	Other Violations	Brief Description
1910.212(a)(1)	211	188	0	1	22	Machine guarding—General requirements
1910.215(b)(9)	226	149	0	2	75	Machine guarding—Abrasive wheel machinery—Exposure adjustment
1910.215(a)(4)	181	121	0	1	59	Machine guarding—Abrasive wheel machinery—Work rests
1910.151(c)	141	99	0	2	40	Medical and first aid—Eyewash and emergency showers
NCGS 95-129(1)	96	94	0	1	1	General Duty Clause
1910.304(g)(5)	192	80	0	3	109	Electrical—Grounding—Path to Ground
1910.23(c)(1)	125	76	0	0	49	Walking and working surfaces—Protect open sided floors, platforms and runways
1910.133(a)(1)	85	60	0	2	23	Eye and face protection—General requirements
1910.305(b)(1)(ii)	174	56	0	0	118	Electrical cabinets, boxes and fittings—Unused openings effectively closed
1910.212(a)(3)(ii)	60	50	0	2	8	Machine guarding—Point of operation guarding
1910.212(b)	159	49	0	1	109	Machine guarding—Fixed machinery—Anchored to prevent moving/walking
1910.147(c)(4)(i)	59	41	1	1	16	Lockout/Tagout—Energy control procedures
1910.147(c)(1)	58	40	0	0	18	Lockout/Tagout—Energy control program
1910.219(d)(1)	48	35	0	0	13	Machine guarding—Pulleys—Guarded within 7 ft. or less of floor
1910.242(b)	114	33	0	1	80	Hand and portable power tools—Compressed air for cleaning—Chip guard and PPE w/pressure reduced to 30 psi
1910.147(c)(6)(i)	60	33	0	1	26	Lockout/Tagout—Periodic inspection
1910.132(d)(1)	86	32	0	1	53	Personal protective equipment—Hazard assessment
1910.178(q)(7)	98	28	0	0	70	Powered industrial trucks—Maintenance
1910.219(e)(3)(i)	33	28	0	0	5	Machine guarding—Mechanical power transmission apparatus—Vertical and inclined belts guarded
1910.1200(e)(1)	347	27	0	7	313	Hazard communication—Written program
1910.212(a)(5)	33	27	0	1	5	Machine guarding—Exposure of blades—guarded when less than 7 feet from floor or working level
1910.178(l)(1)(i)	54	26	0	0	28	Powered industrial trucks—Operator training—Ensure operator competency
1910.132(a)	37	26	1	1	9	Personal protective equipment—General requirements—Provided when necessary
1910.303(g)(2)(i)	47	24	0	0	23	Electrical—Grounding—One conductor of single-phase two wire system grounded
1910.147(c)(4)(ii)	37	24	0	0	13	Lockout/Tagout—Energy control procedure—Clear and outlines scope, purpose and authorizations

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**Top 10 Most Frequently Cited “Serious”
Public Sector***

Standards Violated	Total Violations	Serious Violations	Willful Violations	Repeat Violations	Other Violations	Brief Description
1910.215(b)(9)	16	10	0	1	5	Machine guarding—Abrasive wheel machinery—Exposure adjustment
1910.215(a)(4)	16	9	0	0	7	Machine guarding —Abrasive wheel machinery—Work rest adjustment
NCGS 95-129(1)	9	9	0	0	0	General Duty Clause
1910.134(c)(1)	9	7	0	0	2	Personal protective equipment—Respiratory protection—Written program
1910.304(g)(5)	9	5	0	0	4	Electrical—Grounding—Path to ground
1910.134(e)(1)	7	5	0	0	2	Personal protective equipment—Respiratory protection—Medical evaluation
1910.151(c)	9	4	0	0	5	Medical and first aid—Eyewash and emergency showers
1910.132(d)(1)	6	4	0	0	2	Personal protective equipment—Hazard assessment
1910.212(a)(1)	6	4	0	0	2	Machine guarding—General requirements
1910.133(a)(1)	5	4	0	0	1	Eye and face protection—General requirements

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