

**N.C. Department of Labor  
Occupational Safety and Health Division  
October 2011–September 2012**

## 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)	350	324	93	1	24	1	Fall protection—Residential construction—Employees protected 6 feet or more above lower level
1926.20(b)(2)	254	210	83	0	14	30	General safety and health provisions—Accident prevention—Frequent and regular inspections
1926.1053(b)(1)	201	189	94	0	8	4	Ladders—Must extend 3 feet above landing or be properly secured to access upper landing
1926.102(a)(1)	191	173	91	0	8	10	PPE—Eye and face protection—General requirements
1926.503(a)(1)	141	130	92	0	6	5	Fall protection—Training program
1926.100(a)	114	110	96	0	1	3	PPE—Head protection—General requirements
1926.501(b)(11)	100	95	95	0	4	1	Fall protection—Steep roofs—Employees protected 6 feet or more above lower level
1926.501(b)(1)	93	84	90	1	4	4	Fall protection—Unprotected sides and edges—Employees protected 6 feet or more above lower level
1926.501(b)(10)	60	52	87	0	5	3	Fall protection—Low slope roofs—Employees protected 6 feet or more above lower level
1926.451(e)(1)	54	47	87	0	5	2	Scaffolds—Access by various means
1926.28(a)	41	41	100	0	0	0	Personal protective equipment—Using equipment to reduce hazards
1926.451(g)(1)(vii)	41	40	98	0	1	0	Scaffolds—Fall protection—Employees protected by personal fall arrest/guardrail system
1926.451(g)(4)(i)	43	39	91	0	4	0	Scaffolds—Guardrail systems—Installed on open sides and ends of platforms
1926.20(b)(1)	40	39	98	0	0	1	General safety and health provisions—Accident prevention program
1926.1053(b)(4)	44	38	86	0	0	6	Ladders—Use—Used for the purpose for which designed
1926.1060(a)	39	37	95	0	0	2	Stairways and ladders—Training program
1926.453(b)(2)(v)	38	35	92	0	0	3	Scaffolds—Aerial lifts—Extensible and articulating boom platforms—Body belts and lanyards worn/used
1926.501(b)(14)	36	35	97	0	1	0	Fall protection—Wall openings—Employees protected 6 feet or more above lower level
1926.1053(b)(13)	36	35	97	0	0	1	Ladders—Use—Top step used as a step
1926.501(c)	40	31	78	0	8	1	Fall protection—Protection from falling objects—Erect toeboards, screens, or guardrail systems to prevent objects from falling from higher levels
NCGS 95-129(1)	31	30	97	0	1	0	General Duty Clause
1926.21(b)(2)	34	29	85	0	0	5	Safety training and education—Instruction to avoid unsafe conditions
1926.503(b)(1)	67	27	40	0	0	40	Fall protection—Certification of training
1926.503(a)(2)	26	25	96	0	0	1	Fall protection—Training—Each employee trained by competent person
1926.502(a)(2)	22	22	100	0	0	0	Fall protection—System criteria and practices—General/employers

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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)	128	122	95	0	1	5	Machine guarding—General requirements
1910.215(b)(9)	121	99	82	0	2	20	Machine guarding—Abrasive wheel machinery—Exposure adjustment
1910.151(c)	111	97	87	0	0	14	Medical and first aid—Eyewash and emergency showers
1910.1200(e)(1)	279	89	32	0	3	187	Hazard communication—Written program
NCGS 95-129(1)	89	87	98	0	1	1	General Duty Clause
1910.215(a)(4)	88	76	86	0	1	11	Machine guarding—Abrasive wheel machinery—Work rests
1910.133(a)(1)	73	68	93	0	1	4	Eye and face protection—General requirements
1910.1200(h)(1)	154	64	42	0	0	90	Hazard communication—Training
1910.132(a)	68	61	90	0	0	7	Personal protective equipment—General requirements—Provided when necessary
1910.23(c)(1)	68	58	85	0	1	9	Walking and working surfaces—Protect open sided floors, platforms and runways
1910.304(g)(5)	96	56	58	0	0	40	Electrical—Grounding—Path to ground
1910.132(d)(1)	85	48	56	0	0	37	Personal protective equipment—Hazard assessment
1910.305(b)(1)(ii)	110	47	43	0	3	60	Electrical cabinets, boxes and fittings—Unused openings effectively closed
1910.147(c)(6)(i)	67	45	67	0	2	20	Lockout/Tagout—Periodic inspection
1910.132(d)(2)	206	43	21	0	3	160	Personal protective equipment—Hazard assessment—Written certification
1910.212(b)	70	42	60	0	0	28	Machine guarding—Fixed Machinery—Anchored to prevent moving/walking
1910.242(b)	63	40	63	0	0	23	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)	41	38	93	0	0	3	Lockout/Tagout—Energy control procedures
1910.134(e)(1)	64	33	52	0	2	29	Personal Protective Equipment—Respiratory protection—Medical evaluation
1910.101(b)	54	33	61	0	0	21	Compressed gases—In-plant handling, storage, and utilization in accordance with Compressed Gas Association Pamphlet P-1-1965
1910.212(a)(3)(ii)	34	33	97	1	0	0	Machine guarding—Point of operation guarding
1910.138(a)	39	32	82	0	2	5	General requirements—Proper selection and use of appropriate hand protection when employees' hands are exposed to hazards
1910.1200(g)(8)	89	31	35	0	1	57	Safety Data Sheets—Safety data sheets maintained and readily accessible during each work shift to employees when they are in their work area(s)
1910.147(c)(1)	34	30	88	0	0	4	Lockout/Tagout—Energy control program
1910.22(a)(1)	49	28	57	0	0	21	Housekeeping—All places of employment, passageways, storerooms, and service rooms shall be kept clean and orderly and in a sanitary condition

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## Top 10 Most Frequently Cited “Serious” Violations Public Sector\*

<b>Standard Violated</b>	<b>Total Violations</b>	<b>Serious Violations</b>	<b>Serious Percent</b>	<b>Willful Violations</b>	<b>Repeat Violations</b>	<b>Other Violations</b>	<b>Brief Description</b>
1910.215(b)(9)	14	13	93	0	0	1	Machine guarding—Abrasive wheel machinery—Exposure adjustment
1910.212(a)(1)	11	11	100	0	0	0	Machine guarding—General requirements
1910.215(a)(4)	11	11	100	0	0	0	Machine guarding—Abrasive wheel machinery—Work rests
1910.212(b)	7	6	86	0	0	1	Machine guarding—Fixed machinery—Anchored to prevent moving/walking
1910.305(b)(1)(ii)	12	5	42	0	0	7	Conductors entering cabinets, boxes, or fittings protected from abrasion, and openings effectively closed
1910.304(g)(5)	8	5	63	0	0	3	Electrical—Grounding—Path to ground
1910.305(g)(2)(iii)	8	5	63	0	0	3	Electrical—Flexible cords and cables—Strain relief
1910.242(b)	5	4	80	0	0	1	Hand and portable power tools—Compressed air for cleaning—Chip guard and PPE with pressure reduced to 30 psi
NCGS 95-129(1)	4	4	100	0	0	0	General Duty Clause
1910.132(a)	4	4	100	0	0	0	Personal protective equipment—General requirements—Provided when necessary