

**N.C. Department of Labor  
Division of Occupational Safety and Health**

October 2001–September 2002

**Top 25 Most Frequently Cited “Serious”  
Construction Standards**

<b>Standards Violated</b>	<b>Total Violations</b>	<b>Serious Violations</b>	<b>Willful Violations</b>	<b>Repeat Violations</b>	<b>Other Violations</b>	<b>Brief Description</b>
1926.501(b)(13)	284	249	0	26	9	Fall protection—Unprotected sides and edges/residential construction
1926.20(b)(2)	273	232	0	16	25	General safety and health provisions—Accident prevention inspections
1926.503(a)(1)	230	220	0	8	2	Fall protection—Training program
1926.501(b)(11)	151	138	0	11	2	Fall protection—Unprotected sides and edges/steep roof
1926.102(a)(1)	182	137	0	7	38	Eye and face protection
1926.20(b)(1)	151	132	0	4	15	General safety and health provisions—Accident prevention program
1926.501(b)(1)	137	126	0	5	6	Fall protection—Unprotected sides and edges
1926.21(b)(2)	142	123	0	1	18	Safety training and education—Recognition of unsafe conditions
1926.100(a)	148	120	0	2	26	Head protection
1926.1053(b)(1)	133	109	0	5	19	Ladders—Use of portable ladders to access upper landing surface
1926.451(e)(1)	122	101	0	5	16	Scaffolds—Manually propelled mobile scaffolds
1926.454(a)	79	65	0	2	12	Scaffolds—Training requirements
1926.652(a)(1)	77	63	2	8	4	Excavations—Protection of persons in excavations
1926.451(g)(4)(i)	73	63	0	8	2	Scaffolds—Guardrail systems
1926.451(g)(1)	69	61	0	7	1	Fall protection—Scaffolds
1926.451(c)(2)	70	58	0	3	9	Scaffolds—Supported scaffolds—On adequate firm foundation
1926.503(b)(1)	70	57	0	1	12	Fall protection—Certification of training
1926.451(g)(1)(vii)	62	57	0	4	1	Scaffolds—Protected by personal fall arrest system/guardrail
1926.451(f)(7)	62	53	0	4	5	Scaffolds—Use—Competent person
1926.501(b)(10)	59	52	0	5	2	Fall protection—Roofing work on low slope roofs
1926.451(b)(1)(i)	57	52	0	1	4	Scaffolds—Platform construction—Installation of scaffolds
1926.1060(a)	68	49	0	2	17	Ladders and stairways—Training program
1926.451(f)(3)	56	49	0	2	5	Scaffolds—Use—Competent person
1926.503(c)(3)	59	47	1	1	10	Training requirements—Retraining employees
1926.654(j)(2)	50	43	2	1	4	Excavation—Protection of employees from loose rock and soil

**N.C. Department of Labor  
Division of Occupational Safety and Health**

October 2001–September 2002

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

<b>Standards Violated</b>	<b>Total Violations</b>	<b>Serious Violations</b>	<b>Willful Violations</b>	<b>Repeat Violations</b>	<b>Other Violations</b>	<b>Brief Description</b>
1910.212(a)(1)	218	183	1	2	32	Machine and machine guarding—General requirements
1910.215(b)(9)	174	107	0	1	66	Machine and machine guarding—Abrasive wheel machinery—Exposure adjustment
95.129(1)	85	83	1	0	1	General Duty Clause
1910.212(a)(3)(ii)	92	82	0	1	9	Point of operation guarding
1910.23(c)(1)	112	80	0	3	29	Protection of open sided floors, platforms and runways
1910.304(f)(4)	143	68	1	5	69	Grounding requirements for systems, circuits/equipment
1910.305(b)(1)	182	66	0	1	15	Electrical—Cabinets, boxes and fittings—Conductors entering
1910.215(a)(4)	107	64	0	1	42	Abrasive wheel machinery—Works rests
1910.151(c)	90	56	0	0	34	Medical and first aid—Eyewash
1910.305(g)(2)(iii)	144	45	1	0	98	Electrical—Flexible cords and cables—Strain relief
1910.133(a)(1)	60	44	0	0	16	Eye and face protection—General requirements
1910.219(d)(1)	51	42	1	2	6	Machinery and machine guarding—Pulleys
1910.212(b)	100	41	0	0	59	Machinery and machine guarding—Fixed machinery—Not anchored to prevent moving/walking
1910.242(b)	95	35	0	1	59	Compressed air use for cleaning—Chip guarding and personal protective equipment (PPE)
1910.147(c)(1)	73	35	1	1	36	Lockout/Tagout—Energy control program
1910.305(g)(2)(ii)	68	32	0	0	36	Electrical flexible cords and cables—No splicing
1910.219(e)(3)(i)	39	32	1	1	5	Machinery and machine guarding—Vertical and inclined bolts
1910.305(b)(2)	97	30	0	2	65	Electrical—Covers and canopies
1910.219(f)(3)	36	30	1	2	3	Machinery and machine guarding—Sprockets and chains
1910.219(c)(2)(i)	30	27	0	0	3	Mechanical power transmission apparatus—Guarding horizontal shafts
1910.147(c)(7)(i)	37	26	0	2	9	Lockout/Tagout—Training
1910.212(a)(5)	33	26	0	0	7	Lockout/Tagout—General energy control procedures
1910.219(e)(1)(i)	30	26	0	1	3	Horizontal belts and ropes (guarding)
1910.132(d)(1)	51	25	0	1	25	Personal protective equipment—Hazard assessment
1910.147(c)(6)(i)	44	25	0	0	19	Lockout/Tagout—Annual/periodic inspection