MOST FREQUENTLY CITED SERIOUS VIOLATIONS

CONSTRUCTION INDUSTRY FY 2015

OSHA Federal Standards
October 1, 2014 – September 30, 2015
## Most Frequently Cited Serious Violations in Construction 2015

<table>
<thead>
<tr>
<th>Code</th>
<th>Citation</th>
<th>Violation Description</th>
<th>FY 2015 Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>501(b)(13)</td>
<td>Fall Protection – Residential Construction</td>
<td>4060</td>
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<tr>
<td>X</td>
<td>1053(b)(1)</td>
<td>Portable Ladders Not Extended 3 Feet Above Landing</td>
<td>1514</td>
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<tr>
<td>M</td>
<td>501(b)(1)</td>
<td>Fall Protection – Unprotected Sides &amp; Edges</td>
<td>1370</td>
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<tr>
<td>M</td>
<td>102(a)(1)</td>
<td>Eye and Face Protection</td>
<td>1347</td>
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<tr>
<td>E</td>
<td>503(a)(1)</td>
<td>Fall Protection – Training</td>
<td>1219</td>
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<tr>
<td>E</td>
<td>100(a)</td>
<td>Head Protection</td>
<td>1183</td>
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<tr>
<td>L</td>
<td>451(g)(1)</td>
<td>Scaffolds – Fall Protection</td>
<td>780</td>
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<tr>
<td>L</td>
<td>453(b)(2)(v)</td>
<td>Aerial Lifts – Fall Protection</td>
<td>764</td>
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<tr>
<td>L</td>
<td>501(b)(10)</td>
<td>Fall Protection – Roofing Work on Low-sloped Roofs</td>
<td>711</td>
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<tr>
<td>M</td>
<td>451(e)(1)</td>
<td>Safe Access</td>
<td>638</td>
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</tbody>
</table>
GENERAL SAFETY & HEALTH
[1926.20 – .35]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

- INSPECTIONS BY A COMPETENT PERSON: 632
- EMPLOYEE TRAINING PROGRAMS: 434
- INITIATE AND MAINTAIN ACCIDENT PREVENTION PROGRAMS: 281
- HOUSEKEEPING: 124
- PERSONAL PROTECTIVE EQUIPMENT – EMPLOYER RESPONSIBILITY: 72
NUMBER OF SERIOUS VIOLATIONS – FY 2015

29 CFR 1926.

62(d)(1)(i) LEAD – DETERMINING EXPOSURE AT OR ABOVE ACTION LEVELS 47

62(d)(2)(v)(E) LEAD – BIOLOGICAL MONITORING 29

51(f)(1) WASHING FACILITIES FOR HARMFUL CONTAMINANTS 28

62(d)(2)(v)(C) LEAD – CHANGE AREAS PROVIDED PRIOR TO EXPOSURE ASSESSMENT 27

62(d)(2)(v)(B) LEAD – PROTECTIVE CLOTHING & EQUIPMENT PROVIDED PRIOR TO EXPOSURE ASSESSMENT 23

50(g) EMERGENCY EYEWASH/SHOWER 23

OCCUPATIONAL HEALTH & ENVIRONMENTAL CONTROLS [1926.50 – .66]
PERSONAL PROTECTIVE & LIFE SAVING EQUIPMENT [1926.95 – .107]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

- **102(a)(1)**: Eye and Face Protection (1347)
- **100(a)**: Head Protection (1183)
- **95(a)**: PPE – Provided, Used & Maintained (229)
- **102(a)(2)**: Required Eye & Face Protection – ANSI Requirements (18)
- **96**: Foot Protection (12)
Fire Protection & Prevention
[1926.150 – .159]

Number of Serious Violations – FY 2015

- 2A Fire Extinguisher Provided per 3000 sqft of Building Area: 42
- Extinguishers with 50ft of 5 gallons of flammable liquids: 23
- Providing Fire Extinguisher Not Rated Less Than 2A for Each Floor: 22
- Inspection & Maintenance of Fire Fighting Equipment: 19
- Portable Fire Extinguishers Inspected Periodically & Maintained: 17
NUMBER OF SERIOUS VIOLATIONS – FY 2015

200(g)(1) Traffic Signs at Points of Hazard - 23
200(g)(2) Traffic Control Signs/Devices - 22
201(a) Flaggers - Signaling - 15
200(a) Visibility of Signs and Symbols - 5
200(c)(1) Use of Caution Signs - 2
NUMBER OF SERIOUS VIOLATIONS – FY 2015

29 CFR 1926.

SUBPART H

MATERIALS HANDLING, STORAGE, USE & DISPOSAL
[1926.250 – .252]
TOOLS: HAND & POWER
[1926.300 – .307]

NUMBER OF SERIOUS VIOLATIONS – FY 2015
WELDING & CUTTING
[1926.350 -.354]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

- Cylinders Secured Upright
  - 350(a)(9): 26

- Oxygen Cylinder Storage
  - 350(a)(10): 16

- Using Cables Needing Repair
  - 351(b)(4): 11

- Regulators and Gauges Shall Be in Proper Working Order
  - 350(h): 5

- Securing of Cylinders While in Use
  - 350(a)(7): 4
ELECTRICAL [1926.400 – .449]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

- **Grounding Path**: 282
- **Worn/Frayed Cords and Cables**: 215
- **Flexible Cord Strain Relief**: 174
- **Use of GFCI or Assured Grounding Program**: 167
- **Equipment Installation and Use**: 153
# Scaffolds [1926.450 – .454]

<table>
<thead>
<tr>
<th>Section</th>
<th>Number of Violations</th>
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<tbody>
<tr>
<td>451(g)(1)</td>
<td>780</td>
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<tr>
<td>453(b)(2)(v)</td>
<td>764</td>
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<tr>
<td>451(e)(1)</td>
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<tr>
<td>451(b)(1)</td>
<td>573</td>
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<tr>
<td>451(g)(1)(vii)</td>
<td>400</td>
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</table>

## Number of Serious Violations – FY 2015
FALL PROTECTION [1926.500 – .503]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

- Residential Construction: 4060
- Unprotected Sides & Edges: 1370
- Fall Hazard Training: 1219
- Roofing Work on Low-sloped Roofs: 711
- Roofing Work on Steep Roofs: 536
HELIACOPTERS, HOISTS, ELEVATORS, AND CONVEYORS
[1926.550 – .556]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

- 552(a)(1) Hoists & Elevators – Complying with Manufacturer’s Recommendations: 15
- 552(c)(1) Hoists & Elevators – Enclosures for Hoist Towers Outside of Structure: 4
- 552(b)(8) Hoists & Elevators – Material Hoist Shall Conform with ANSI A10.5-1969: 2
NUMBER OF SERIOUS VIOLATIONS – FY 2015

- **INDUSTRIAL TRUCK OPERATOR TRAINING**: 47 violations
- **MODIFICATIONS THAT AFFECT CAPACITY RATING**: 40 violations
- **INDUSTRIAL TRUCKS ANSI B56.1-1969 REQUIREMENTS**: 34 violations
- **SAFE RIDING SPACE ON INDUSTRIAL TRUCKS**: 19 violations
- **SAFETY PLATFORM SECURED TO CARRIAGE OR FORKS**: 17 violations
EXCAVATIONS
[1926.650 – .652]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>652(a)(1)</td>
<td>Cave-in Protection</td>
<td>512</td>
</tr>
<tr>
<td>651(c)(2)</td>
<td>Safe Egress</td>
<td>242</td>
</tr>
<tr>
<td>651(k)(1)</td>
<td>Competent Person - Inspections</td>
<td>173</td>
</tr>
<tr>
<td>651(j)(2)</td>
<td>Protection from Falling/Rolling Materials and Equipment</td>
<td>159</td>
</tr>
<tr>
<td>651(k)(2)</td>
<td>Competent Person - Inspection and Employee Removal</td>
<td>55</td>
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</tbody>
</table>
NUMBER OF SERIOUS VIOLATIONS – FY 2015

Concrete & Masonry Construction
[1926.700 – .706]

29 CFR 1926.

Subpart Q

- **Reinforcing Steel Guarding**: 147
- **Shoring Equipment Shall Be Inspected Prior to Erection**: 5
- **Masonry Wall Over 8 Feet Shall Be Braced**: 5
- **Semicircular Masonry Saw Guarding**: 4
- **Lockout/Tagout of Bulk Cement Storage Facilities**: 4
# Steel Erection

[1926.750 – .761]

<table>
<thead>
<tr>
<th>Subpart R 29 CFR 1926.750–.761</th>
<th>Number of Serious Violations – FY 2015</th>
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<tbody>
<tr>
<td>760(a)(1) 760(b)(3) 761(b) 760(b)(1) 760(c)(3)</td>
<td>Protection from Fall Hazards 23 13 8 7</td>
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<tr>
<td>FALL HAZARD TRAINING</td>
<td>FALL PROTECTION FOR CONNECTION</td>
</tr>
<tr>
<td>118</td>
<td>PROTECTION FROM FALL HAZARDS MORE THAN 2 STORIES OR 30 FEET</td>
</tr>
<tr>
<td>UNSECURED DECKING IN CDZ EXCEEDING 3,000 sqft.</td>
<td></td>
</tr>
</tbody>
</table>
Underground Construction, Caissons, Cofferdams, and Compressed Air
[1926.800 – .804]

Number of Serious Violations – FY 2015

- Controlling access to underground by unauthorized personnel
  - 800(q)(2): 2 violations
- Inspection of drilling area before drilling operations starts
  - 800(b)(3): 2 violations
- Employees instructed on recognition and avoidance of hazards underground
  - 800(g)(5)(ii): 1 violation
- Designated person station above ground
  - 800(g)(3): 1 violation
- 5-person rescue teams for jobsites less than 25 employees
  - 800(d): 1 violation
Demolition
[1926.850 – .860]

Number of Serious Violations – FY 2015

- Engineering Survey Prior to Demolition Operations: 49
- Utilities Shut Off or Capped Before Demolition Operations: 6
- Shoring and Bracing of Walls and Floors: 4
- Removal of Structural or Load-Supporting Members: 4
- Open Walls Protected by a Height of 42 inches: 3

29 CFR 1926.
NUMBER OF SERIOUS VIOLATIONS – FY 2015

POWER TRANSMISSION AND DISTRIBUTION
[1926.950 – .968]
Rollover Protective Structure; Overhead Protection [1926.1000 – .1003]

Number of Serious Violations – FY 2015

ROPS on Equipment Manufactured on or After Sept 1, 1972
STAIRWAYS AND LADDERS
[1926.1050 – .1060]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

- **PORTABLE LADDER – 3 FEET ABOVE LANDING SURFACE**: 1514
- **APPROPRIATE USE**: 364
- **USING TOP STEP AS A STEP**: 276
- **LADDER & STAIRWAY HAZARD TRAINING**: 244
- **STAIRWAY OR LADDER PROVIDED AT BREAK IN ELEVATION ON 19 INCHES**: 150
TOXIC & HAZARDOUS SUBSTANCES
[1926.1100 – .1152]

NUMBER OF SERIOUS VIOLATIONS – FY 2015

- **Asbestos – Training Program**: 30 violations
- **Asbestos – Exposure Assessment by a Competent Person**: 29 violations
- **Asbestos – Exposure Monitoring**: 18 violations
- **Asbestos – Identify Presence, Location & Quantity of ACM/PACM**: 15 violations
- **Class I, II, and III Work in Regulated Area**: 12 violations
**Cranes and Derricks in Construction**

[1926.1400 – .1442]

<table>
<thead>
<tr>
<th>Violation Description</th>
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</tr>
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<tbody>
<tr>
<td>Equipment Inspection Every 12 Months</td>
<td>15</td>
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<tr>
<td>Monthly Inspection of Equipment</td>
<td>10</td>
</tr>
<tr>
<td>Maintain Barriers Around Hazard Area</td>
<td>9</td>
</tr>
<tr>
<td>Operation Procedures of Equipment</td>
<td>8</td>
</tr>
<tr>
<td>Sign Person Qualifications</td>
<td>8</td>
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</table>

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