Most Frequently Cited Serious Violations

GENERAL INDUSTRY FY 2018

OSHA Federal Standards
October 1, 2017 – September 30, 2018
# Most Frequently Cited Serious Violations in General Industry FY 2018

<table>
<thead>
<tr>
<th>Violation Description</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Communication – Written Program</td>
<td>1,510</td>
</tr>
<tr>
<td>Machine Guarding – Types of Guarding Methods</td>
<td>1,238</td>
</tr>
<tr>
<td>Hazard Communication – Information and Training</td>
<td>1,166</td>
</tr>
<tr>
<td>Hazardous Energy Control – Procedures shall be developed</td>
<td>586</td>
</tr>
<tr>
<td>Respirators – Medical Evaluations</td>
<td>583</td>
</tr>
<tr>
<td>Hazardous Communication – Maintain copies of SDS’s</td>
<td>495</td>
</tr>
<tr>
<td>Machine Guarding – Point of Operations</td>
<td>475</td>
</tr>
<tr>
<td>Respirators – Employer Establishing a Written Respirator Program</td>
<td>450</td>
</tr>
<tr>
<td>Powered Industrial Trucks – Competency Training</td>
<td>416</td>
</tr>
<tr>
<td>Medical &amp; First Aid – Suitable Quick Drenching or Flushing Facility</td>
<td>390</td>
</tr>
</tbody>
</table>
Walking/Working Surfaces [1910.21 – 30]

- Fall Protection – Protection from falling 4 feet or more: 371
- General – Walking-working surfaces are kept clean: 258
- General – Facilitate cleaning: 112
- General – Workroom floor kept in a dry condition: 100
- General – Walking-working surfaces are inspected: 90

Number of Serious Violations – FY 2018
**Means of Egress [1910.33 – .39]**

<table>
<thead>
<tr>
<th>Provision</th>
<th>Number of Serious Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>37(a)(3)</td>
<td>290</td>
</tr>
<tr>
<td>37(b)(2)</td>
<td>157</td>
</tr>
<tr>
<td>36(d)(1)</td>
<td>123</td>
</tr>
<tr>
<td>37(b)(4)</td>
<td>77</td>
</tr>
<tr>
<td>37(b)(5)</td>
<td>69</td>
</tr>
</tbody>
</table>

**Subpart E**

**Number of Serious Violations – FY 2018**
POWERED PLATFORMS, AERIAL LIFTS, AND VEHICLE-MOUNTED WORK PLATFORMS
[1910.66 – .68]

VEHICLE MOUNTED – PERSONAL FALL ARREST SHALL BE WORN

67(c)(2)(v) 115

VEHICLE MOUNTED – TRAINED PERSONS ONLY

67(c)(2)(ii) 17

VEHICLE MOUNTED – EMPLOYEE SHALL STAND FIRMLY ON BASKET FLOOR

67(c)(2)(iv) 3

VEHICLE MOUNTED – AERIAL DEVICES ACQUIRED ON OR AFTER JULY 1, 1975

67(b)(1) 2

VEHICLE MOUNTED – LIFT CONTROL SHALL BE TESTED

67(c)(2)(i) 2

NUMBER OF SERIOUS VIOLATIONS – FY 2018
**Occupational Health and Environmental Control [1910.94 – .98]**

- **Occupational Noise – Hearing Conservation Program**: 161 violations
- **Occupational Noise – Train Each Employee Exposed**: 82 violations
- **Occupational Noise – Develop & Implement Monitoring Program**: 75 violations
- **Occupational Noise – Establish & Maintain Audiometric Testing Program**: 73 violations
- **Occupational Noise – Annual Audiogram for Each Employee**: 34 violations

**Number of Serious Violations – FY 2018**
HAZARDOUS MATERIALS [1910.101 – .126]

NUMBER OF SERIOUS VIOLATIONS – FY 2018
# Personal Protective Equipment

[1910.132 – .138]

<table>
<thead>
<tr>
<th>Subpart</th>
<th>Description</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>134(e)(1)</td>
<td>Respirators — Shall provide medical evaluation</td>
<td>583</td>
</tr>
<tr>
<td>134(c)(1)</td>
<td>Respirators — Establish &amp; implement written program</td>
<td>450</td>
</tr>
<tr>
<td>132(d)(2)</td>
<td>General requirements — Verify workplace hazard assessment</td>
<td>347</td>
</tr>
<tr>
<td>134(f)(2)</td>
<td>Respirators — Employer shall ensures an employee is fit tested</td>
<td>275</td>
</tr>
<tr>
<td>132(d)(1)</td>
<td>General requirements — Assess workplace for hazards</td>
<td>267</td>
</tr>
</tbody>
</table>

**Number of Serious Violations — FY 2018**
GENERAL ENVIRONMENT CONTROLS
[1910.141 – .147]

<table>
<thead>
<tr>
<th>Subpart</th>
<th>Topic</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>147(c)(4)(i)</td>
<td>HAZARDOUS ENERGY CONTROL – PROCEDURES SHALL BE DEVELOPED</td>
<td>586</td>
</tr>
<tr>
<td>147(c)(6)(i)</td>
<td>HAZARDOUS ENERGY CONTROL – PERIODIC INSPECTIONS</td>
<td>342</td>
</tr>
<tr>
<td>147(c)(1)</td>
<td>HAZARDOUS ENERGY CONTROL – ESTABLISH PROGRAM</td>
<td>332</td>
</tr>
<tr>
<td>147(c)(7)(i)</td>
<td>HAZARDOUS ENERGY CONTROL – GENERAL TRAINING</td>
<td>261</td>
</tr>
<tr>
<td>147(d)</td>
<td>HAZARDOUS ENERGY CONTROL – APPLICATION OF CONTROLS</td>
<td>177</td>
</tr>
</tbody>
</table>

NUMBER OF SERIOUS VIOLATIONS – FY 2018
**MEDICAL & FIRST AID [1910.151 – .152]**

- **151(c)**: Medical & First Aid – Eye & Body flushing facilities provided
  - Number: 390

- **151(b)**: Medical & First Aid – First aid training & supplies readily available
  - Number: 31

- **151(a)**: Medical & First Aid – Medical personnel advice & consultation
  - Number: 2

**Number of Serious Violations – FY 2018**
Fire Protection [1910.155 – .165]

Number of Serious Violations – FY 2018

- Extinguishers – Provided & Readily Accessible: 178
- Extinguishers – Annual Maintenance Checks: 112
- Extinguishers – Visual Monthly Inspection: 105
- Extinguishers – Training Program: 102
- Extinguishers – Initial & Annual Training: 82
**Compressed Gas & Compressed Air Equipment [1910.166 – .169]**

- **Air Receivers – Pressure gauge with spring loaded safety valve**
  - 169(b)(3)(i)
  - Number of Serious Violations: 2

- **Air Receivers – Safety valves shall be tested**
  - 169(b)(3)(iv)
  - Number of Serious Violations: 2

- **Air Receivers – Drain pipe installed at the lowest point**
  - 169(b)(2)
  - Number of Serious Violations: 1

**Number of Serious Violations – FY 2018**
MATERIALS HANDLING & STORAGE
[1910.176 – .184]

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
<th>Violations</th>
</tr>
</thead>
<tbody>
<tr>
<td>178(l)(1)(i)</td>
<td>Powered Industrial Trucks – Competency Training</td>
<td>416</td>
</tr>
<tr>
<td>178(l)(4)(iii)</td>
<td>Powered Industrial Trucks – Refresher Training in Relevant Topics</td>
<td>262</td>
</tr>
<tr>
<td>178(l)(6)</td>
<td>Powered Industrial Trucks – Certification of Training</td>
<td>256</td>
</tr>
<tr>
<td>178(p)(1)</td>
<td>Powered Industrial Trucks – Safe Operating Condition</td>
<td>188</td>
</tr>
<tr>
<td>178(l)(1)(ii)</td>
<td>Powered Industrial Trucks – Completed Training Requirements</td>
<td>172</td>
</tr>
</tbody>
</table>

NUMBER OF SERIOUS VIOLATIONS – FY 2018
# Machinery & Machine Guarding

[1910.211 – .219]

### General Requirements – Types of Guarding Methods

<table>
<thead>
<tr>
<th>Subpart O Section</th>
<th>Description</th>
<th>Number of Serious Violations – FY 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>212(a)(1)</td>
<td>General Requirements – Point of Operation</td>
<td>1283</td>
</tr>
<tr>
<td>212(a)(3)(ii)</td>
<td>Abrasive Wheel – Tongue Guards</td>
<td>475</td>
</tr>
<tr>
<td>215(b)(9)</td>
<td>Abrasive Wheel – Work rests</td>
<td>250</td>
</tr>
<tr>
<td>215(a)(4)</td>
<td>Power Transmission – Guarding for pulleys</td>
<td>198</td>
</tr>
<tr>
<td>219(d)(1)</td>
<td></td>
<td>168</td>
</tr>
</tbody>
</table>
Hand and Portable Powered Tools and Other Hand-Held Equipment[1910.241 – .244]

- General – Compressed Air for Cleaning
- Guarding of Powered Tools - Abrasive wheels shall be guarded
- Guarding of Powered Tools – Vertical portable grinders shall be guarded
- General – Condition of tools and equipment
- Other Portable Tools & Equipment – Rated load shall be legibly

Number of Serious Violations – FY 2018
WELDING, CUTTING, & BRAZING [1910.251 – .255]

NUMBER OF SERIOUS VIOLATIONS – FY 2018

- **253(b)(4)(iii)**: Gas Welding & Cutting – Stored away from fuel-gas cylinders
  - Number of Violations: 96

- **252(b)(2)(iii)**: General Requirements – Protection from arc welding ray
  - Number of Violations: 70

- **253(b)(2)(ii)**: Gas Welding & Cutting – Cylinder storage inside buildings
  - Number of Violations: 43

- **253(b)(2)(iv)**: Gas Welding & Cutting – Cylinder valve closure
  - Number of Violations: 27

- **253(b)(4)(i)**: Gas Welding & Cutting – Storage next to combustibles
  - Number of Violations: 26
SPECIAL INDUSTRIES [1910.261 – .272]


NUMBER OF SERIOUS VIOLATIONS – FY 2018

- **GRAIN HANDLING – HOUSEKEEPING**
  - 272(j)(1)
  - Number: 14

- **GRAIN HANDLING – PERMIT SHALL BE ISSUED FOR ENTERING**
  - 272(g)(1)(i)
  - Number: 12

- **GRAIN HANDLING – EMPLOYER SHALL PROVIDE RESCUE EQUIPMENT**
  - 272(g)(4)
  - Number: 11

- **SAWMILLS – CONVEYORS OPERATED IN ACCORDANCE WITH ANSI B20.1 - 1957**
  - 265(c)(18)(i)
  - Number: 10

- **GRAIN HANDLING – CERTIFICATION RECORD FOR EACH INSPECTIONS**
  - 272(m)(3)
  - Number: 9
ELECTRICAL [1910.301 – .399]

GENERAL – PROPER INSTALLATION & USE OF EQUIPMENT

- 303(b)(2) 730
- 305(g)(1)(iv)(A) 282
- 305(g)(2)(iii) 228
- 305(b)(1)(ii) 191
- 305(b)(2)(i) 162

WIRING METHODS - FLEXIBLE CORDS USED AS FIXED WIRING

- 305(g)(1)(iv)(A) 730

WIRING METHOD – FLEXIBLE CORD STRAIN RELIEF

- 305(g)(2)(iii) 228

WIRING METHOD – GROUNDING PERMANENT & EFFECTIVE

- 305(b)(1)(ii) 191

WIRING METHOD – PULL & JUNCTION BOX COVERS

- 305(b)(2)(i) 162

NUMBER OF SERIOUS VIOLATIONS – FY 2018
COMMERCIAL DIVING OPERATIONS
[1910.401 – .440]

NUMBER OF SERIOUS VIOLATIONS – FY 2018

- SCUBA DIVING – Diver shall be line-tended from the surface
  - 424(c)(2): 2
- Personnel Requirements – Employer at dive location
  - 410(c)(1): 1
- Pre-Dive Procedures – Emergency aid list of available physicians
  - 421(b)(2): 1
- Post-Dive Procedures – Information recorded and maintained
  - 423(d)(1): 1
- SCUBA Diving – Diver carrying a manual reserve
  - 424(c)(4)(i): 1
TOXIC AND HAZARDOUS SUBSTANCE [1910.1000 – .1450]

Number of Serious Violations – FY 2018

- 1200(e)(1) HAZARDOUS COMMUNICATION – WRITTEN PROGRAM: 1510
- 1200(h)(1) HAZARDOUS COMMUNICATION – INFORMATION & TRAINING: 1166
- 1200(g)(8) HAZARDOUS COMMUNICATION – SDS’S READILY ACCESSIBLE: 495
- 1200(g)(1) HAZARDOUS COMMUNICATION – SDS’S FOR EACH CHEMICAL: 331
- 1200(f)(6)(ii) HAZARDOUS COMMUNICATION – PRODUCT IDENTIFIER: 195