

General Safety

- Noise levels exceeding **90** decibels TWA requires hearing protection
- Number of temporary toilets per **20** employees: less than = **1**, more than = **2** per **40** workers
- Compressed air for cleaning must be less than **30** psi and have PPE and chip guarding in place
- No **ATV** on Site unless authorized by Safety Director

Fire Prevention

- 2A rated fire extinguisher within **100'** travel
- 2A rated fire extinguisher within **3000'** square foot of building
- in multi-story building, at least **1** fire extinguisher adjacent to stairway
- 20B:C fire extinguisher within **75'** of fuel service area
- No more than **25** Gallons of Flammable or combustible liquid in one area outside an approved cabinet

Material Handling

- Remove wire rope chokers from service when 10% diameter reduced from wear
- Remove running ropes on hoists/cranes when **6** or more broken wires in one lay or **3** in anyone strand of one lay
- Remove standing ropes on hoist/cranes when **3** or more wires in one lay
- Disposal chutes required when dropping materials **20'** or more to the exterior
- Material not to be stored inside of building within **6'** of hoistway
- Material not to be stored within **10'** of exterior

Welding/Cutting

- Maximum Acetylene gauge pressure is **15** psi
- No splices or nicks in welding lead within **10'** of electrode holder
- Oxygen cylinders separated from combustibles by **20'** or **5'** high, **1/2 hour** rated firewall

Scaffolds

- Guardrails or other fall protection required when platforms are **6'** above lower level
- Scaffolds must be capable of supporting **4x** maximum intended load
- Scaffold Platforms must be a minimum of **18"** wide
- Ladder jacks, bracket scaffolds and pump scaffold platforms must be **12"** minimum width
- Scaffold platforms must be a maximum of **14"** from face of work or **18'** maximum from face of work for plastering/lathing
- Ends of platforms must extend a minimum of **6"** past the end of support unless cleated
- Ends of platforms must extend a minimum of **12"** for 10' or less bds or **18"** for longer than 10' bds
- Scaffolds platforms must be tied, guyed or braced when height reaches **4x** minimum base width
- Ties installed so no more than **4x** the minimum base width from top or bottom
- Intermediate ties no more than **20'** apart for **3'** width or less and **26'** for **3'** width or more
- Scaffold ties, guys, and braces must be at each end and maximum of **30'** apart horizontally
- Platforms more than **2'** above lower level must have access ladder/stairway
- Guardrails must be capable of supporting **200#** force in downward or horizontal direction
- Guardrails must have a toprail between **38 - 45"** and midrail halfway between
- Suspension Scaffold ropes must be capable of supporting **6x** the intended load
- Suspension Scaffold stall load must not exceed **3x** the rated load

Concrete/Masonry

- Bracing required fro masonry walls at **8'** in height unless supported
- Limited Access zones for masonry walls are height of wall plus **4'**

Electrical

- Minimum operating distance of cranes or other equipment from overhead power lines in **10'**
- All **120** Volt, **15** or **20** amp receptacles used on construction sites must be GFCI Protected

- One Call phone number for GA **1-800-242-7411**, or **811**

Stairway/Ladders

- A change of elevation of **19"** or more requires a ladder, stairs, or ramp
- Double cleated or **2** ladders when **25** or more employees use for means of access/egress
- Stairs with **4** or more risers or more than **30"** in height must have handrails/guardrails
- Ladders used to access an upper level shall extend **3'** above the landing or have grabrails
- Extension ladders shall be placed at a **1/4** ratio
- No aluminum Ladders because of shock hazards: Fiber Glass Only

Fall Protection

- In general, fall protection is required on construction sites at fall exposures of **6'** or more
- Top rail of guardrail system shall be between **39 - 45"** above finished floor
- Top rail must be capable of supporting **200#** of downward or outward pressure
- Midrails must be installed between **19 - 22"** and capable of supporting **150#** force
- Toeboards must be a minimum of **3-1/2"** in height , maximum **1"** at ends, **1/4"** space under
- Wire rope guardrails must be flagged for visibility every **6'**
- Wire rope guardrails must not sag below **39"** when **200#** downward force is applied
- Anchor points for personal arrest systems must be capable of supporting **5000#**
- Free Fall distance must not exceed **6'** or allow the worker to contact lower level
- Holes are any gap or void in walking/working service more than **2"** in its dimension
- Holes covers must be secured in place, support **2x** load, and marked hole or cover
- Warning lines for roofing work must be installed a minimum of **6'** from edge; **10'** if mechanized equipment
- Warning Lines for roofing work must be installed between **34 - 39"** above roof
- Warning lines for none-roofing must be a minimum of **15'** from protected edge

Excavations

- Protective system must be used when excavations are greater than **5'** in depth
- Means of egress must be in place in trenches more than **4'** in depth and be within **25'** of workers
- Air testing must be performed in trench if trench is **4'** or greater and hazards atmosphere could exist
- Excavations **20'** or more in depth require a PE (professional engineer) design protection
- Minimum H: V slopes for protective systems - **Type A: 3/4: 1, type B: 1:1 , Type C: 1-1/2: 1**

Confined Space

- Oxygen - minium content in confined space is **19.5%**
- Oxygen - minium content in confined space (Enriched) is **23.5%**
- Carbon monoxide (CO) - Permissible exsposure Limit **35ppm**
- Hydrogen Sulfide (H2S) - Permissible exsposure Limnit **20ppm**
- Flammable Vapor Content - Maxium of **10%** of lower explosive limit

Steel Erection

- General Information
- Columnbs must havea minium of **4** Anchor Bolts
- Fall Protection is required at **15'** above lower level except connectors
- Fall Protections for connectors required at heights more than **30'** or **2** stories whichever is less
- Fall Protections for work inside a CDZ required at heights more than **30'** or **2** stories whichever is less
- Controlle decking zone must be a minium of **6'** from leading edge and no more than **90' x 90'**
- No more than **3000sqft** unsecured decking
- Decking is not considered to be erecting

This list is only a Summary and is not intended for complete OSHA compliance.