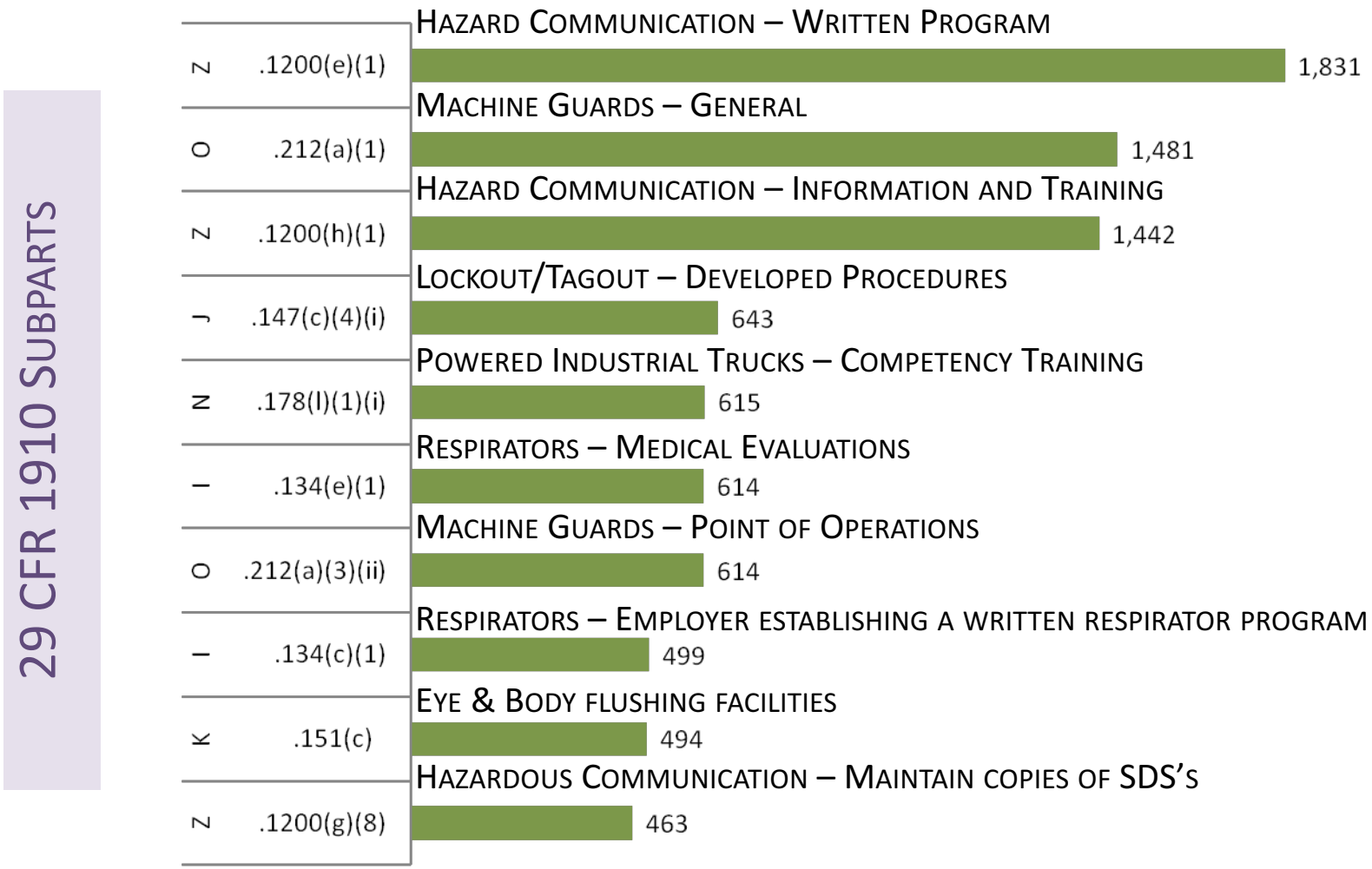
Most Frequently Cited Serious Violations in General Industry 2016



Regulations/Standards

- *ANSI – American National Standards Institute (consensus standards)*
- *NEC – National Electrical Code*
- *NFPA – National Fire Protection Association*
- *OAC – Ohio Administrative Code (VSSR)*
- *OSHA – The LAW*

Personal Protective Equipment (PPE) Hazard Assessment /JSA

- **Eye/Face Protection (side shields?????)**
- **Head Protection**
- **Foot Protection**
- **Electrical Protective Devices**
- **Hand Protection**

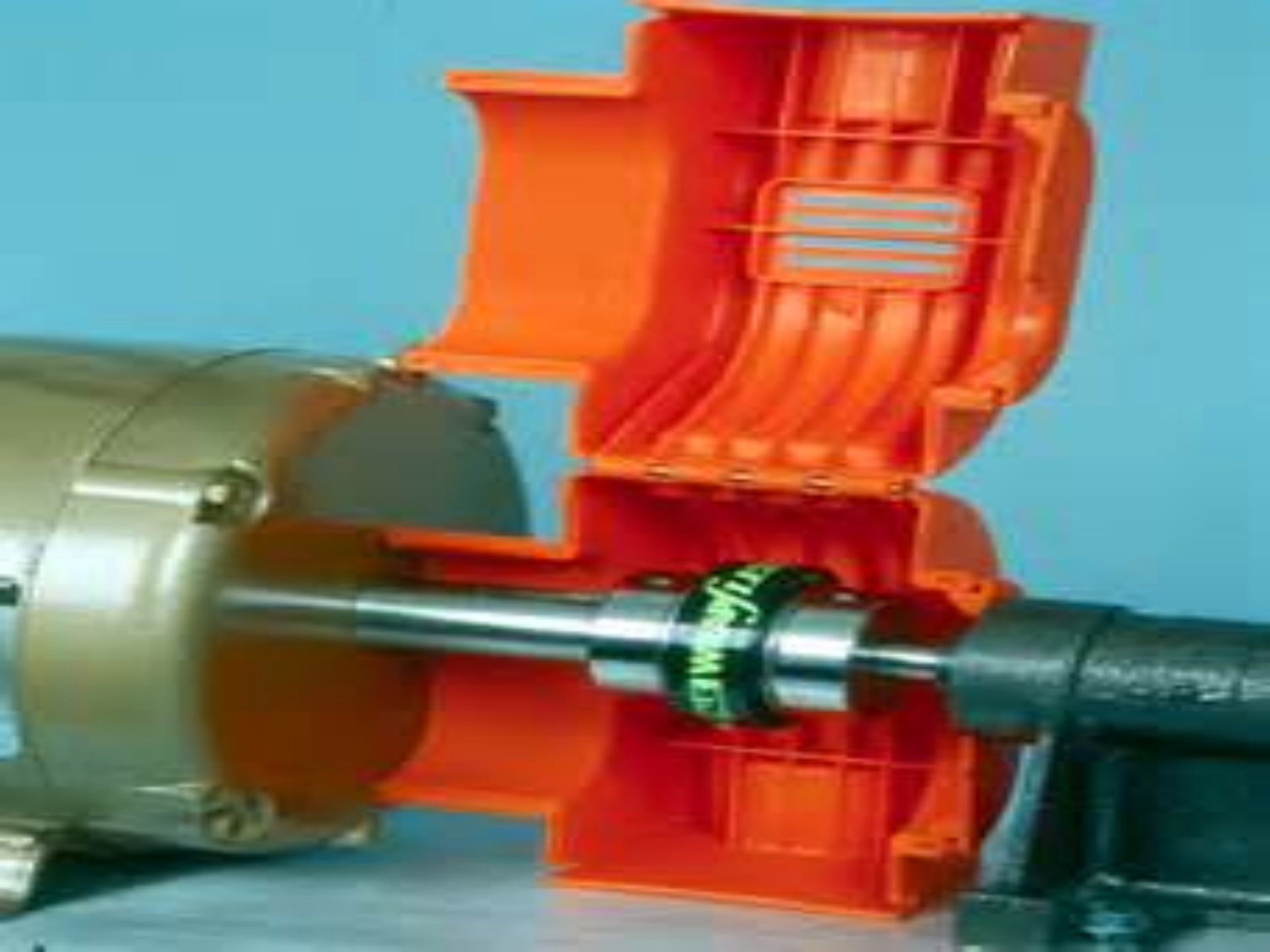
PPE References

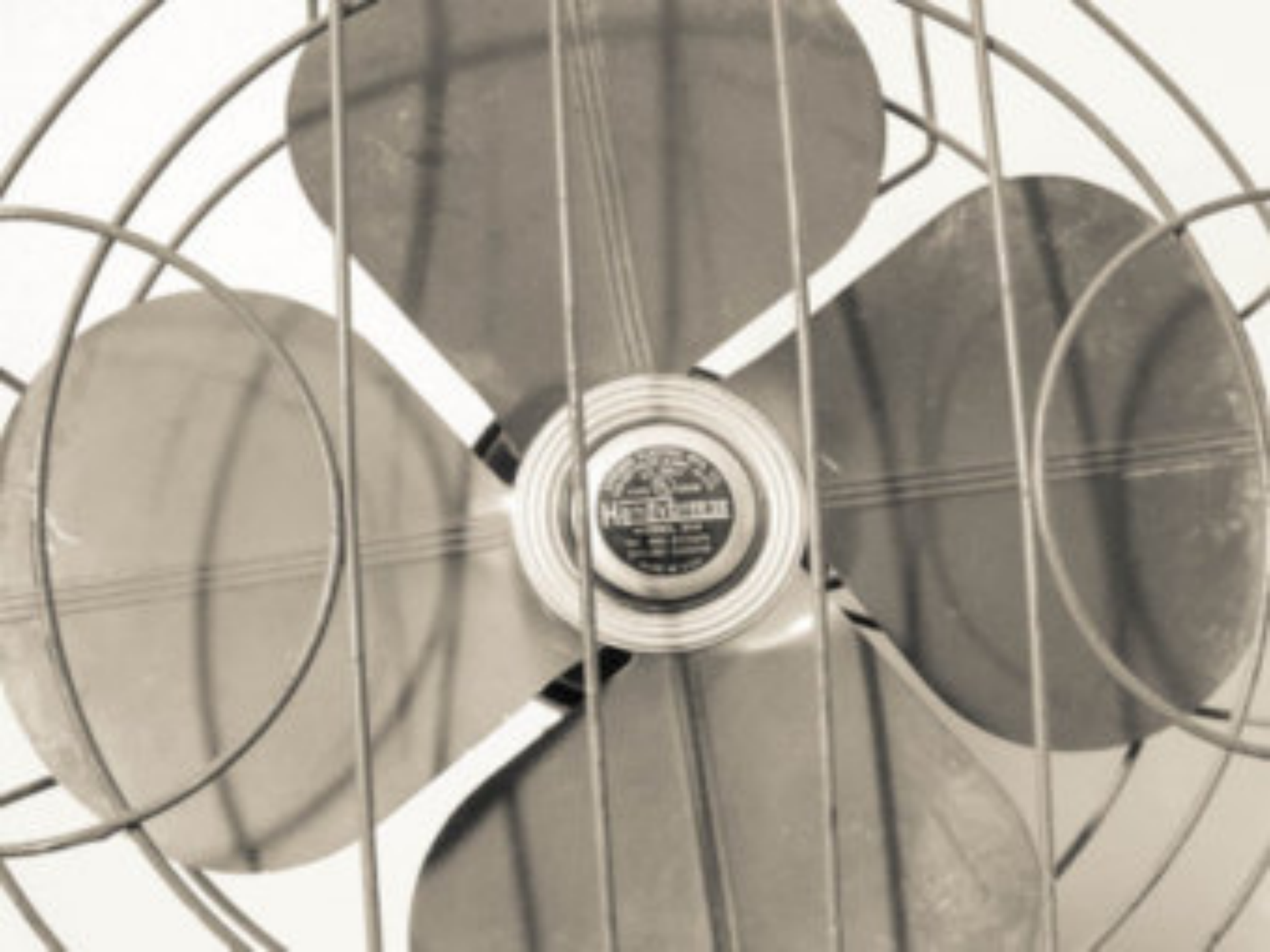
- OSHA 1910.132-140
- 1910.140 Personal Fall Protection Systems - ANSI Z359 (1/2017)
- ANSI Z87 (safety glasses)
- ANSI Z89 (hard hats)

Machine Guarding

- **Vee belts/pulleys**
- **Shafts**
- **Point of Operation**
- **Fan Blades**

References *OSHA 1910.211-217* and ANSI standards

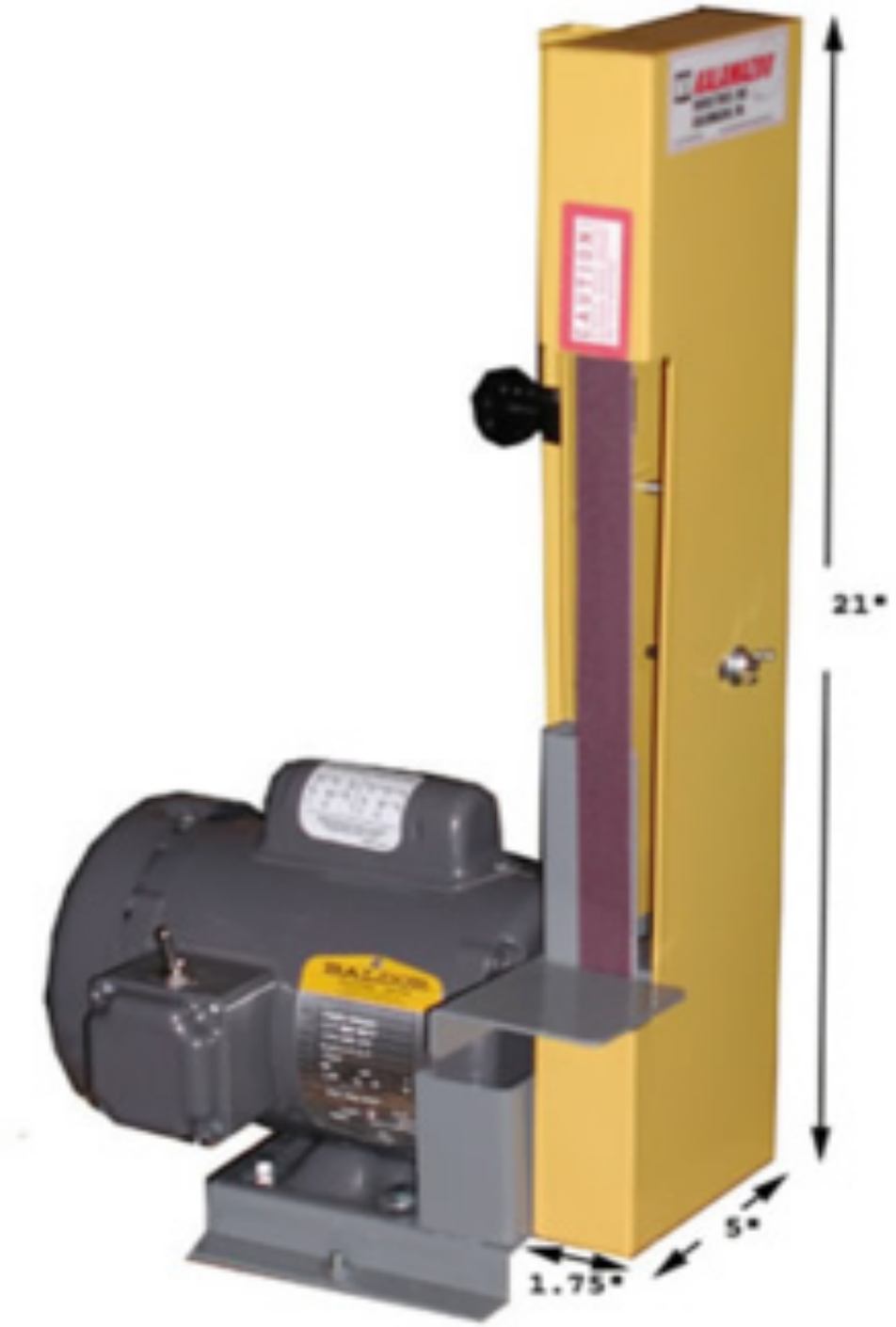




Bench Grinder Guarding

- **Upper Peripheral Guard (tongue guard) - ¼ inch**
- **Work Rest – 1/8 inch**
- **Spindle nut guard**
- **Secured to the floor**

FOR PRECISION
ONLY


21"
5"
1.75"

Portable Tools/Extension Cords

- **Cords damaged**
- **Ground pins missing**
- **Home made extension cords/knockout boxes**

Housekeeping

Great way to improve is through 5S.

- ✓ ***Sort***
- ✓ ***Set in Order***
- ✓ ***Shine***
- ✓ ***Standardize***
- ✓ ***Sustain***

Trip/Slip/Fall Hazards

- ***Cords/hoses (elevate when possible)***
- ***Changes in elevation (identify by paint/tape)***
- ***Damaged floors (repair)***
- ***Liquids on floor (regular cleaning)***
- ***Ladder Safety***

OSHA 1910.21-30 Walking Working Surfaces (1/17/2017)

Walking-working surfaces are inspected, regularly and as necessary, and maintained in a safe condition according to 1910.22 (d) (1).

WWS

- The employer must train each employee on or before May 17, 2017 in the proper care, inspection, storage, and use of equipment covered by this subpart before an employee uses the equipment, according to 1910.30 (b) (1).

- Ladders, dock boards, Fall Prevention/protection equipment

Emergency Action Plan

- Not updated on annual basis (employees listed who no longer work there)
- Relevant emergencies such as fires, severed weather, tornadoes, when to shelter in place.
- People involved, communication!
- Main utility locations not listed.

EAP

- *Building layouts should include everything safety related:*
- *Portable fire extinguishers*
- *Fire alarms, first aid kits, emergency eye wash/shower units*
- *Number exit doors and review EAP with local safety forces.*

No Proper Emergency Eyewash

Compressed Gas Cylinders

- *Not secured*
- *Valve caps not in place*
- *Oxygen stored near fuel (propane, acetylene)*
- *Condition not identified (full, MT)*

References: Compressed Gas Association

www.cganet.com

OSHA 1910.101 www.osha.gov

Use of Compressed Air

OAC 4123: 1-3-22 (I) (2) (b)

The employer shall instruct the employee that compressed air shall not be used for personal cleaning purposes.

Powered Industrial Truck's

- **Lack of formalized training/evaluation**
- **Lack of daily PIT inspections**
- **Unsafe work practices - speed, not paying attention**
- **Employers not having a policy for chocking wheels, inspecting trailer floors!**

11
11
CAUTION
CAUTION
CAUTION

Forklift Accident

- https://www.youtube.com/watch?v=R4pN50yYI5k

Battery Charging Areas

- No protection for charging units
- No signs (No Smoking, Open Flames, Open Sparks)
- Fire extinguisher

Electrical Issues

- **Unlabeled breakers/disconnects**
- **Unused openings – junction boxes, breaker panels**
- **ARC Flash Assessments– NFPA 70E**
- **Conduit, greenfield, seal tite not secured**

New OSHA Reporting Requirements

- Between August 1, 2017 until December 1, 2017 certain employers must submit recordkeeping information to OSHA via www.osha.gov.

- Employers with 250 employees or more or certain employers with 20-249 employees in certain high risk industry groups.

- Based on your employers NAICS number.

How Well Does Your Employer Manage Safety?

- How are all levels of your organization held accountable.
- Are responsibilities clearly defined?
- Performance Measure/Activities defined?

Internal Safety Audits

- **Does your employer have a process for identifying these symptoms???**

- **How does your internal process address these hazards when identified.**

ANSI Z10

If employers wants a frame work to utilize to improve safety management processes then obtain the ANSI Z10 standard.

Occupational Health and Safety Management Systems