

N.J.A.C. 12:100-10.16

Maintenance



All department **aerial apparatus** is subject to visual inspection, operational tests, and load tests at least **annually**. Complete fire apparatus inspections and tests, including the non-destructive testing defined in NFPA 1914-1991, whenever a **potential problem** is indicated **or** every **five** years.

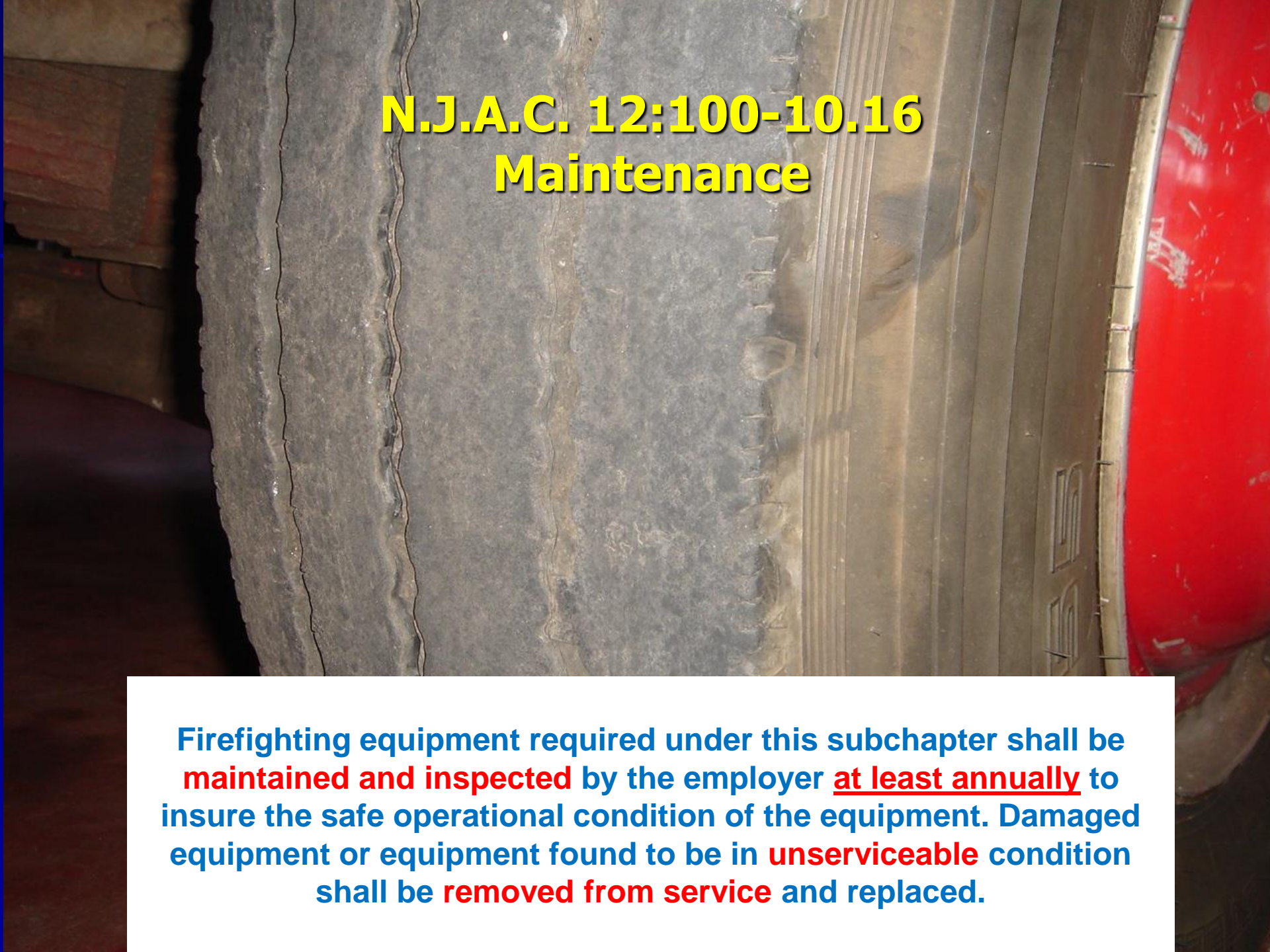
N.J.A.C. 12:100-10.16

Maintenance



Pumper fire apparatus shall be inspected at least **annually** in accordance with criteria of NFPA 1911-1997.

This includes initial attack fire apparatus and mobile water supply fire apparatus.



N.J.A.C. 12:100-10.16 Maintenance

Firefighting equipment required under this subchapter shall be **maintained and inspected** by the employer at least annually to insure the safe operational condition of the equipment. Damaged equipment or equipment found to be in **unserviceable** condition shall be **removed from service** and replaced.

Junior Firefighters or Cadets, Explorers, etc.

- Junior firefighters may **not** participate in training that involves actual smoke, fire, hazardous materials, or toxic gases, and while junior firefighters **may respond** to actual fire calls, their duties are **limited** to support duties and not actual firefighting duties.
- Examples -assist with stretching hose lines, supply the necessary equipment to firefighters, assist with hydrant operations and other essential functions; **all of which are performed from outside the structure.**
- For their safety, all fire ground activities are supervised by the sponsors and/or the Fire Chief.

General PEOSH Safety



PEOSH Required Written Programs

- The following general **PEOSH written programs** and records are often required in fire stations:
 - PEOSH 300 Logs
 - Personal Protective Equipment (PPE) Hazard Assessment
 - Lock Out Tag Out Program
 - Emergency Plan
 - Permit Required Confined Space
 - *Respiratory Protection Program*
 - *Hazard Communication*
 - *Bloodborne Pathogens*

All written programs have a training component.

If you need help on written programs
Call Consultation for help.



Other PEOSH Required Training

- The following general PEOSH training is required in fire stations:
 - Personal Protective Equipment (PPE)
 - Lock Out Tag Out
 -Common sources of energy
 -Fire scene considerations (ex...Alarm 5/3/18@131am Bergenfield)
 - Emergency Evacuation Procedures
 - Work Zone Safety
 - Fire Extinguisher
 - *Respiratory Protection – End of Overhaul*
 - *Hazard Communication*

Top Low Hanging Fruit Violations in Fire Depts

1. Fire Extinguishers without monthly checks
2. Fire Extinguishers sitting on the deck, unsupported
3. Extension cords
4. Bay doors - emergency stop system not working
5. Exit lights not lit
6. Breaker boxes obstructed with debris or equipment
7. Electrical box circuits not labeled or labeled incorrectly
8. Electrical outlet near water ground without GFCI
9. Bar without keg
10. Type A materials and trash in attic and storage spaces
11. Fall thru danger in attic spaces
12. Grinder with wrong gap on tongue guard & work rest
13. Emergency exit route not posted
14. Floor jack or jack stands – no rated capacity legible
15. Exterior all-weather receptacle broken or cover missing
16. No eye wash station
17. No handrails on stairs, attic openings, or 4' pits
18. Cover plate on outlet or light switch broken or missing
19. Back up alarms not working
20. No certified workplace hazard assessment
21. No record of periodic Lo/To inspection
22. 300A Summary for 2018 not posted 2/1 to 4/30
23. No 300 Logs going back 3 years

Frequently Found Safety Hazard Examples

Electrical Hazards

**Blocked
Electrical
Panel**

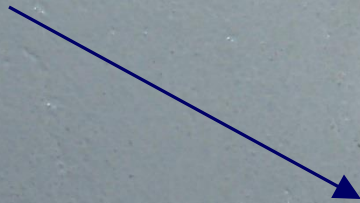




Daisy-chain of 2 Power Strips

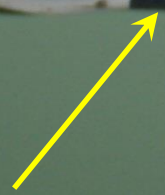
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No Faceplate on outlet box

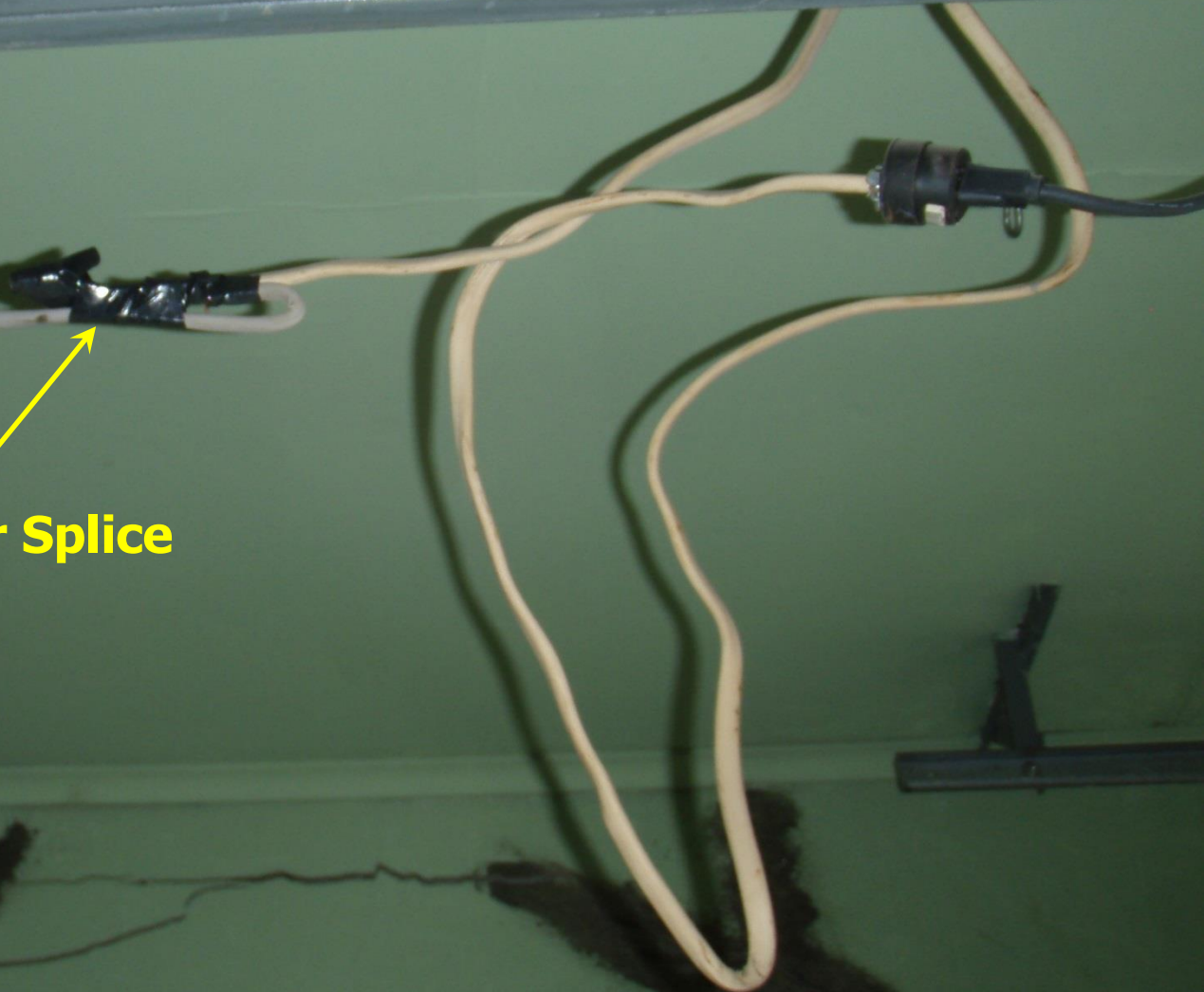




Electrical box cover has been removed and not replaced



Improper Splice





**Damaged Cord - Replace with
Strain Relief Receiver End**

Frequently Found Safety Hazard Examples

Egress

Ex: EAP And Fire Prevention Plan

EXIT

Blocked Exit Door



INSUFFICIENT EXIT
ACCESS WIDTH



EXIT ROUTE
<28"



Emergency Lighting not in working condition

OCT 9 2007

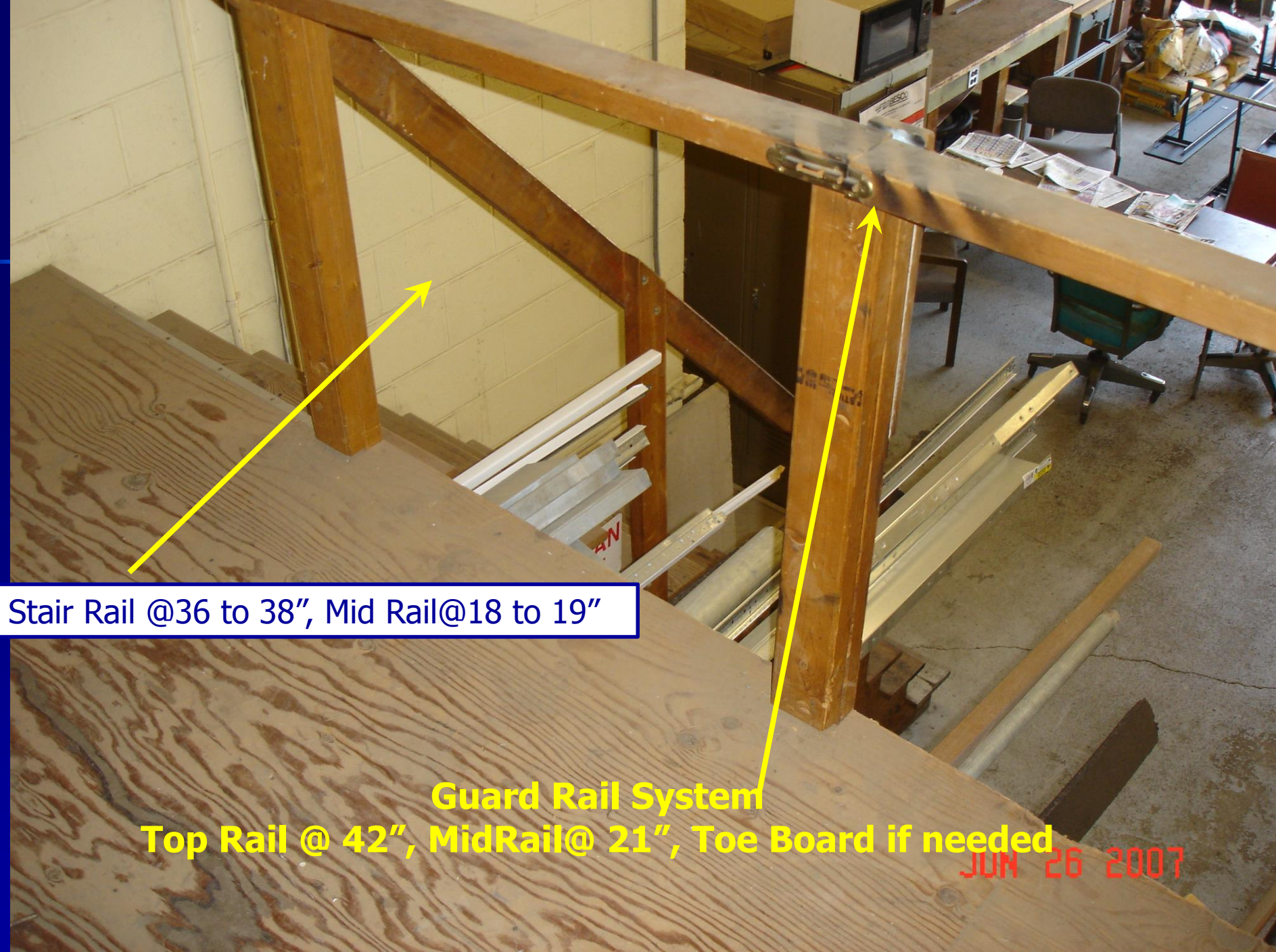
Exit Signs Not Illuminated



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Frequently Found Safety Hazard Examples

Walking and Working
Surfaces



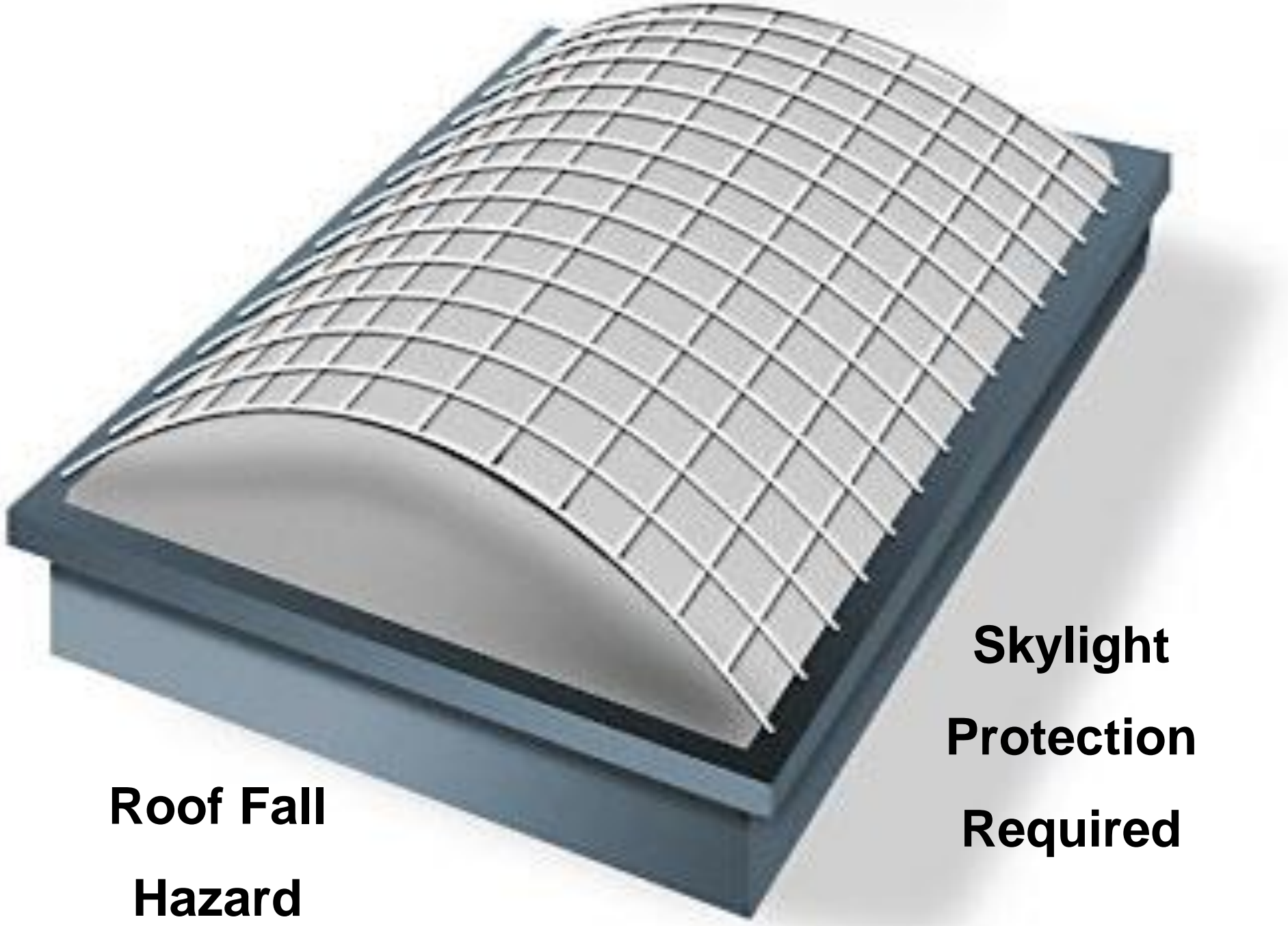
Stair Rail @36 to 38", Mid Rail@18 to 19"

Guard Rail System
Top Rail @ 42", MidRail@ 21", Toe Board if needed

JUN 26 2007

Guarding of Elevated Platforms, No Load Capacity Determination or Label





**Roof Fall
Hazard**

**Skylight
Protection
Required**

A photograph of a cluttered workshop or garage. On the left, the front of a blue truck is visible. In the center, a large, bright white spill, likely water or oil, is on the floor. A yellow arrow points from the text 'WATER or OIL ON FLOOR' to this spill. The background is filled with various tools, equipment, and a large open bay door showing a bright outdoor area. The overall scene suggests a safety hazard in a workspace.

**WATER or
OIL ON
FLOOR**

**SLIP
HAZARD
FIRE
HAZARD**

Frequently Found Safety Hazard Examples

Material Storage

IMPROPER STORAGE OF COMPRESSED GAS CYLINDER

20' Separation of Oxygen and Fuel



Housekeeping

Type A Material - Fire Hazard



Unstable Storage



Engine Blocks Top Shelf
Support Leg rusted out
Personnel unaware....

Frequently Found Safety Hazard Examples

Other Frequently Found Issues

Storage Of Combustible Liquids



PORTABLE FIRE EXTINGUISHERS

Annual Inspection

Monthly Inspections-

Chicken Sh_t
until you need it.



Machine Guarding

BENCH GRINDER Gaps
Work Rest 1/8"
Tongue guard 1/4"

Broken wheel parts
come out at 125 MPH

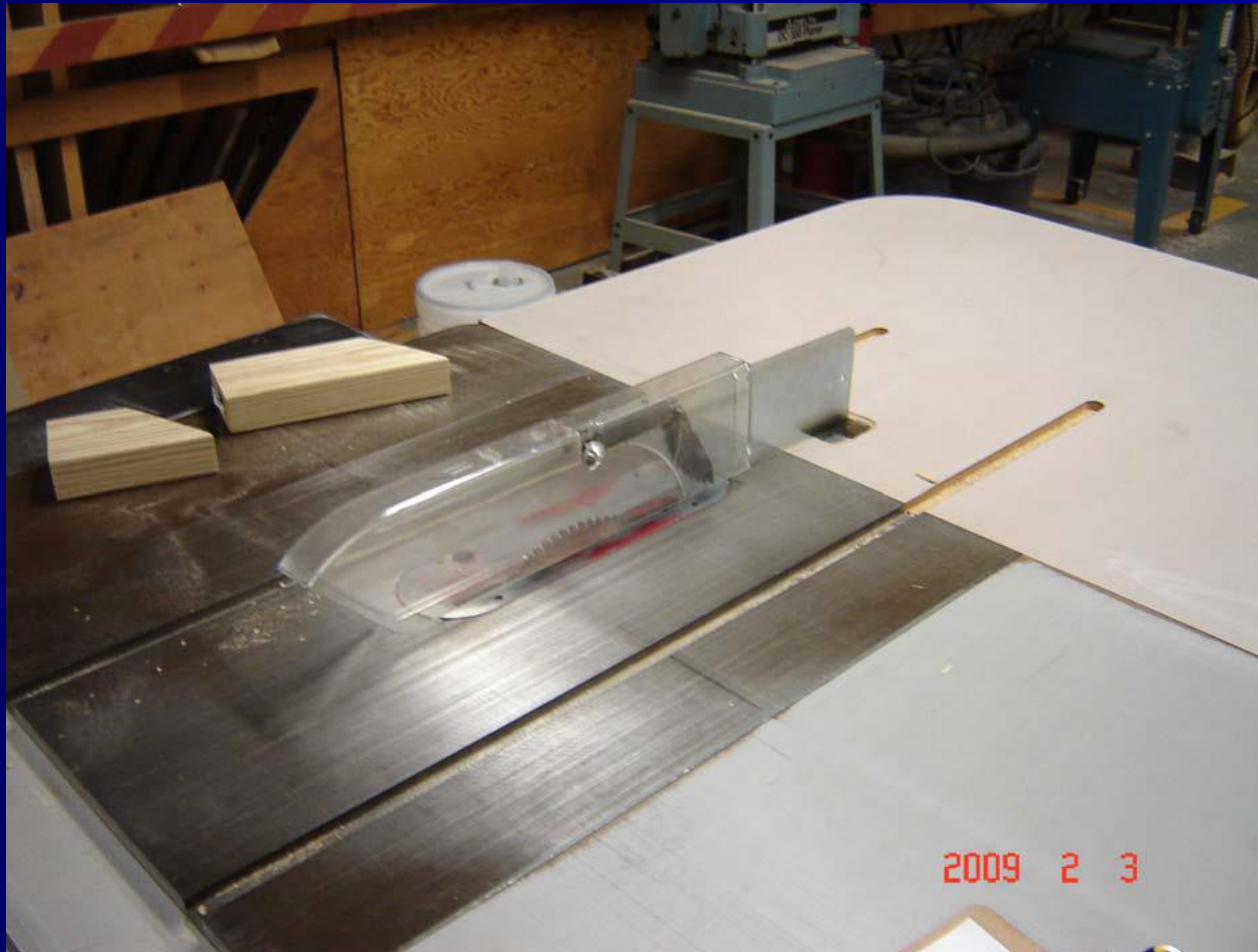




Rockwell
Model 1000
1/2 HP
115V 60Hz

**Drill Press Missing
Chuck Guard**

Proper Guarding Table Saw



Cooperative Programs

PEOSH On-Site Consultation

Benefits

- Voluntary – available to all public employers
- A FREE no-cost advisory consultation
- Confidential
- **No Downside** - No citations or penalties
- Scope of visit - modified at employer's request (full or limited)
- Documentation – the employer receives a written report complete with abatement assistance recommendations.
- **Consultation – you have to request it.**

Cooperative Programs

PEOSH Safety Training

- Free, On-Site Training available to all public employers.
- Provide instruction in many different safety topics including Forklift Operation, Lock Out / Tag Out, PPE, Hazard Communication, Fall Protection, Lifting/Back Safety, and many others.
- Training – you have to request it; better than your JIF.

Cooperative Programs Contact Information

■ By Phone

Krishna Jagannathan 609-508-6765

Email at

Krishna.Jagannathan @dol.nj.gov

■ Web Address for PEOSH Consultation:

http://lwd.state.nj.us/labor/lsse/employer/peosh_consultation.html

■ Web Address for PEOSH Occupational Safety Training:

http://lwd.state.nj.us/labor/lsse/employer/OSH_Training_Unit.html

Impressive Program

Interboro Mutual Aid Group

Operations Guidelines

NJAC 5:75 2.5 – 2.10

- Emergency Radio Traffic
- Evacuation Signal
- Incident Time Keeping
- Medical Unit/Responder – Rehabilitation (Rehab)
- Rapid Intervention Crew (RIC)
- Safety Officer

Lessons learned from 2002 Gloucester City Fire incorporated.

These guidelines are direct, practical, do-able.

Leadership at its best.

Would you mind if we spread the word to those less far along??

Be Safe.

Thank You for Your Service.