

# Shipyard Employment

## General Working Conditions - Subpart F

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- **1915.91** – Housekeeping
- **1915.92** – Illumination
- **1915.93** – Utilities
- **1915.94** – Work in confined or isolated spaces
- **1915.95** – Work on or in the vicinity of radar and radio



# General Working Conditions - Subpart F

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- **1915.96** – Work in or on lifeboats
- **1915.97** – Health and sanitation
- **1915.98** – First aid
- **1915.100** – Retention of DOT markings, placards and labels



# Housekeeping

1915.91(a)

- Good housekeeping conditions maintained
- Adequate aisles and passageways maintained
- Staging platforms, ramps, stairways, walkways, aisles, and passageways on vessels or dry docks;
  - Kept clear of tools, materials, and equipment except which is in use
  - Debris such as welding rod tips, bolts, nuts, and similar material







# Housekeeping

1915.91(a)

- Hose and electric conductors
  - Elevated over or placed under walkway or working surfaces

*Or*

- Covered by adequate cross-over planks





# Housekeeping

1915.91(c)

- Slippery conditions on walkways or working surfaces
  - Eliminated as they occur



# Housekeeping

1915.91(d)

- Free access maintained at all times;
  - Exits
  - Fire alarm boxes or fire extinguishing equipment





# Housekeeping

1915.91(e)

- Oils, paints thinners, solvents, waste, rags, or other flammable substances
  - Kept in fire resistant covered containers when not in use



# Illumination

1915.92(a)

- Means of access and walkways leading to working areas as well as working areas
  - Adequately illuminated



# Illumination

1915.92(b)(1)

- Temporary lights equipped with guards
  - Prevent accidental contact with bulb
- Temporary lights equipped with heavy duty cords
  - Maintained in safe condition
- Exposed non-current-carrying metal parts of temporary lights
  - Must be grounded



# Illumination

1915.92(e)

- Employees not permitted to enter dark spaces without suitable portable light
- Use of matches and open flame lights prohibited
- In non-gas free spaces;
  - Portable lights must meet requirements of 1915.13(b)(9)





# Utilities

1915.93(a)

- Prior to supplying vessel with steam from source outside the vessel;
  - Install pressure gauge and relief valve
  - Steam hose and fittings have safety factor of not less than five (5)
  - Steam hose protected from damage
  - Temporary piping shielded where passing through normal work areas
    - » Prevent accidental contact by employees



# Utilities

1915.93(b)

- Vessel supplied with electric power from source outside vessel
  - Precautions taken prior to energizing vessel's circuits:
    - » If in dry dock, vessel adequately grounded
    - » Circuits energized equipped with overcurrent protection



# Work in Confined or Isolated Spaces

1915.94

- Work performed in confined space;
  - Except as provided in 1915.51(c)(3)
- Or*
- When employee working alone in isolated location
- Frequent checks made to ensure safety of employees



# Work In or On Lifeboats

1915.96

- Before employees permitted to work in or on lifeboat;
  - Either stowed or in suspended position
    - » Ensure boat secured independently of releasing gear
- Employees not permitted to remain in boats while hoisted into final stowed position





# Health and Sanitation

1915.97

- Adequate washing facilities for employees;
  - Engaged in application of paints or coatings
  - Operations where contaminants can, by ingestion or absorption, be detrimental to health of employees
- Employees not permitted to eat or smoke in areas undergoing surface preparation or preservation



# First Aid

1915.98(a)

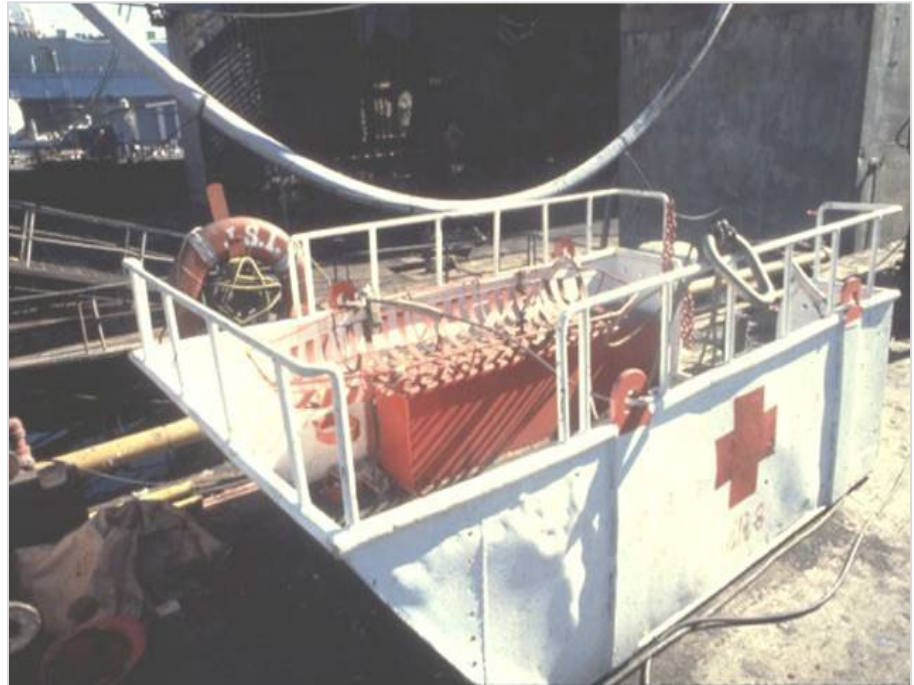
- Unless first aid room and qualified attendant are close at hand
  - Furnish first aid kit for each vessel on which work being performed
  - At least one employee, close at hand
    - » Qualified to administer first aid to injured



# First Aid

1915.98(d)

- Available for each vessel on which ten (10) or more employees are working
  - One Stokes basket stretcher, or equivalent



# Retention of DOT Markings, Placards and Labels

1915.100

- Package of hazardous material required to be marked, labeled or placarded in accordance with the U.S. DOT Hazardous Materials Regulations (49 CFR Parts 171 through 180)
  - Retain markings, labels and placards on package
    - » Until packaging sufficiently cleaned of residue
    - » Purged of vapors to remove any potential hazards





# Thank You For Attending!

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## Final Questions?

**1-800-NC-LABOR**

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