

*Safety and
Shipyard Scaffolding*

*R. Jason Bright, Sunbelt Scaffolding
Jacksonville, FL*

Shipyard Scaffolding Staging types/locations

- ⊕ Rolling Scaffold
- ⊕ Freestanding from decks
- ⊕ Hanging Scaffold
- ⊕ Tanks, Voids, and Machine Spaces
- ⊕ Temporary Guardrails
- ⊕ Containment Enclosures
- ⊕ Scaffold Stairtower access

Rolling Scaffold

- ⊕ Do not alter
- ⊕ Lock Casters
- ⊕ Visual inspection
- ⊕ Never ride
- ⊕ Be aware of load rating
- ⊕ Typical for hanger bay access

Freestanding from decks



- ⊕ Deck supported
- ⊕ Typical access to mast, yardarms, CMWD, general overhead access
- ⊕ Proper base, ship-level, bracing
- ⊕ Access ladders

Hanging Scaffold



- ⊕ Adequate support tower
- ⊕ Verticals secured
- ⊕ Aware of mooring lines, yokohamas, and waterline
- ⊕ Access

Tanks, Voids, and Machine Spaces

- ⊕ Intakes and Exhaust
- ⊕ Fuel and Ballast
- ⊕ Chain lockers and engine rooms
- ⊕ Confined Space
- ⊕ LOTO
- ⊕ Lighting



Temporary Guardrails

- ⊕ Prevent falls
- ⊕ Unprotected holes in deck
- ⊕ Deck edge protection
- ⊕ Open hatch
- ⊕ Intake covers removed

Containment Enclosures

- ⊕ Environmental concerns
- ⊕ Welding atmosphere
- ⊕ Scaffold designed to withstand increased forces (wind and rain)
- ⊕ Sheeting or Shrinkwrap



Temporary Scaffold Stairtowers



- ⊕ Safe access
- ⊕ Rescue accessible

Do's and Don'ts
For end users

Do's

- ⊕ Provide required scaffold user training
- ⊕ Ask for training records of erection leader
- ⊕ Visual inspection prior to each use
- ⊕ Request all modification be done by company providing scaffold

Don'ts

- ⊕ Modify scaffolding
- ⊕ Overload scaffolding
- ⊕ Hang ducts, leads, power cords from scaffold
- ⊕ Leave tools or debris on scaffolding
- ⊕ Accept scaffolding that does not meet required regulations.
- ⊕ Work or lean outside guardrails without fall protection