SUPERIOR
SCAFFOLD SERVICES

The Leader in Scaffold Services

Over 50 Years of Experience
50 years
Designing and Implementing

SYSTEM SCAFFOLD

1-800-247-9206

www.superiorscaffold.com

Superior Scaffold Services

Superior quality, standards, safety & design for over 50 years.

Superior system scaffold is designed and manufactured to meet the rigorous standards contractors and builders demand. We have earned our reputation by providing the highest quality, most innovative scaffold systems and accessories available.

Superior Reputation

Superior is number one in the Tri-State area for providing system solutions to general contractors and construction companies. Superior offers the widest range of sizes and configurations to suit all types of structures from refineries, industrial buildings, renovations, special events, towers and large applications.

Superior Company

Superior is a family owned, customer-centric business that can respond faster, better, and more efficiently than any other scaffold company on the market.

We've been providing the best service in the scaffolding industry for over 50 years. We built our reputation on superior customer service and products. Meeting and exceeding client's needs has always been priority number one. Superior has the equipment and personnel necessary to handle ANY job.

- Questions? Contact us at 1-800-247-9206
- We offer a wide variety of custom solutions for any project.
- Need more information? Visit our website at www.superiorscaffold.com

A Superior System – When flexibility is needed.

Superior's system scaffold is the fastest and most efficient way of erecting scaffolding to suit any type of large application. Our modular components are engineered for flexibility, durability, and strength, making erection and dismantlement cost effective. Superior's system scaffold is designed to withstand dynamic loads comparable to permanent structures.

- **Quality** - High quality, rugged, galvanized steel components are engineered for strength and durability.
- **Joints** - Load-optimizing rosette joints allow up to 8 horizontals and diagonals to be connected, offering incredible adaptability.
- **Versatility** – Modular design offers unlimited angular adjustment and adaptability. Ideal for structures with complex shapes, elevations, and plans.
- **Convenient & Compact** – Only 4 basic components (verticals, horizontals, diagonals, starter collars) make erection and dismantlement safe and cost effective.

Superior Productivity

Every piece of Superior system scaffold is designed and measured, (to a tight tolerance) allowing for safe, quick, cost effective installations and removals. Fewer parts means better performance.

Superior Adaptability

Superior System is simply the fastest, most efficient way of erecting scaffolding to suit any type of structure. Our system scaffold offers the ultimate in versatility. We can accommodate almost every height, width, length, and combination of angles for ANY project.

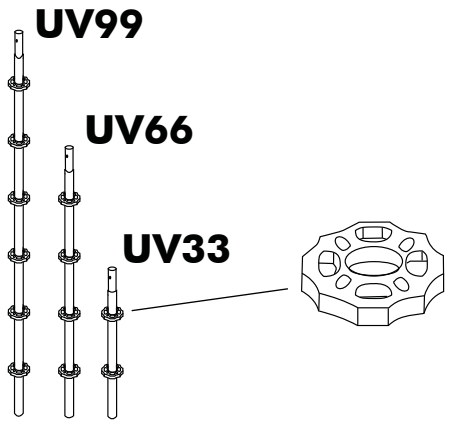
- Refinery
- Towers
- Industrial Buildings
- Construction
- Renovations
- Special Events
- Maintenance
- Shipyards

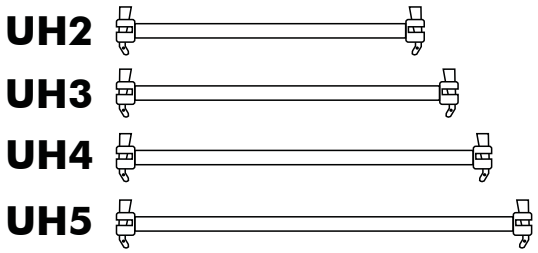
Before

After

Standards / Verticals

Part No.	Description	Weight
UV17	1’7” Vertical	4.5 lbs
UV33	3’3” Vertical	11.0 lbs
UV66	6’6” Vertical	14.0 lbs
UV99	9’9” Vertical	18.5 lbs



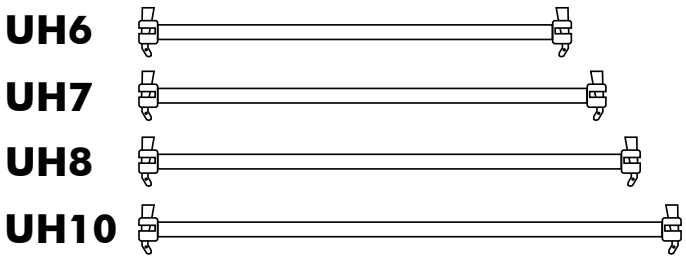


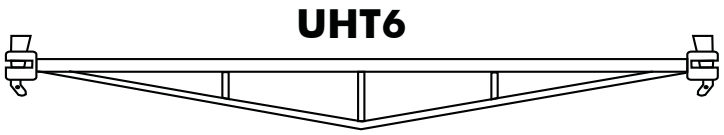
Horizontal (Load Bearing)

Part No.	Description	Weight
UH2	2’ Horizontal	7.0 lbs
UH3	3’ Horizontal	9.0 lbs
UH36	3’6” Horizontal	10.0 lbs
UH4	4’ Horizontal	11.0 lbs
UH5	5’ Horizontal	13.0 lbs

Horizontal (Non-Load Bearing)

Part No.	Description	Weight
UH6	6’ Horizontal	15.0 lbs
UH7	7’ Horizontal	17.0 lbs
UH8	8’ Horizontal	19.0 lbs
UH10	10’ Horizontal	23.0 lbs





Horizontal Truss (Load Bearing)

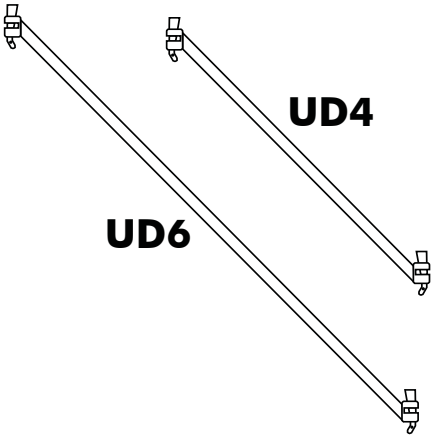
Part No.	Description	Weight
UHT5	5’ Horizontal Truss	26.0 lbs
UHT6	6’ Horizontal Truss	29.0 lbs
UHT7	7’ Horizontal Truss	35.0 lbs
UHT8	8’ Horizontal Truss	39.0 lbs
UHT10	10’ Horizontal Truss	49.0 lbs
UHT14	14’ Horizontal Truss	103.0 lbs
UHT20	20’ Horizontal Truss*	67.0 lbs
UHT26	26’ Horizontal Truss*	87.0 lbs

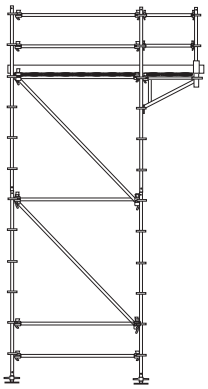
*20’ & 26’ Made of aluminum not steel

- Each rosette can accept up to eight diagonals, horizontals, brackets or other parts.
- In addition to support for plank, horizontals can be used as guardrails.
- All system tubing is made from 1.90” O.D. galvanized steel.

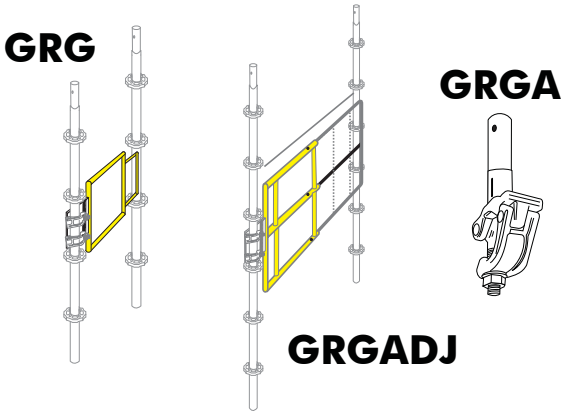
Diagonal Braces

Part No.	Description	Weight
UD2	2’ Diagonal	15.0 lbs
UD3	3’ Diagonal	15.3 lbs
UD36	3’6” Diagonal	16.0 lbs
UD4	4’ Diagonal	16.5 lbs
UD5	5’ Diagonal	17.3 lbs
UD6	6’ Diagonal	18.5 lbs
UD7	7’ Diagonal	20.2 lbs
UD8	8’ Diagonal	21.1 lbs
UD10	10’ Diagonal	24.5 lbs





Simple Tower



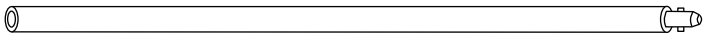
Guard Rail Gate & Gate Adapter

Part No.	Description	Weight
GRG	Guard Rail Gate (3’ wide)	18.5 lbs
GRGADJ	Guard Rail Gate (Adj.)	30.0 lbs
GRGTB	Guard Rail Gate (Adj. w/Toeboard)	38.0 lbs
GRGA	Guard Rail Gate Adapter	3.0 lbs

Fast Tube (1.9” O.D.)

Part No.	Description	Weight
FT4	4’ Fast Tube with End Fittings	13.3 lbs
FT6	6’ Fast Tube with End Fittings	18.1 lbs
FT8	8’ Fast Tube with End Fittings	23.2 lbs
FT10	10’ Fast Tube with End Fittings	27.9 lbs
FT12	12’ Fast Tube with End Fittings	32.3 lbs
FT13	13’ Fast Tube with End Fittings	35.1 lbs
FT16	16’ Fast Tube with End Fittings	42.4 lbs
FT20	20’ Fast Tube with End Fittings	55.7 lbs

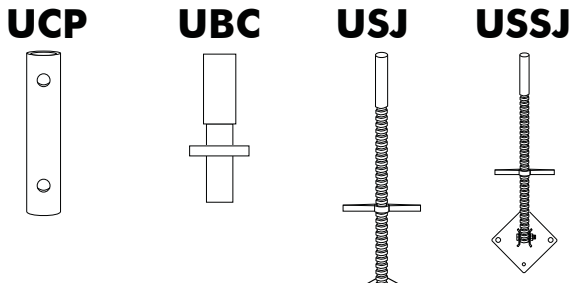
FT8

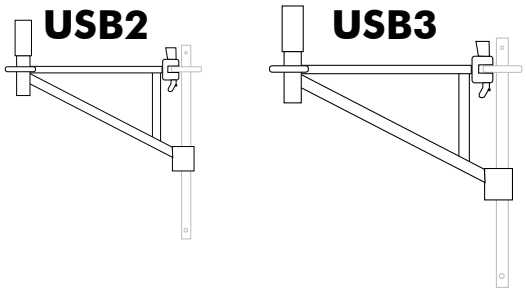


- When designing scaffolds with unique configurations or special loading conditions, consult with Superior Scaffold’s engineering department or a professional structural engineer prior to design finalization. 1-800-247-9206
- Diagonals provide bracing and stability.

Jacks, Collars & Coupling Pins

Part No.	Description	Weight
UCP	Coupling Pin	2.0 lbs
UBC	Base Collar	4.6 lbs
USJ	Screw Jack	8.0 lbs
USSJ	Swivel Screw Jack	15.0 lbs



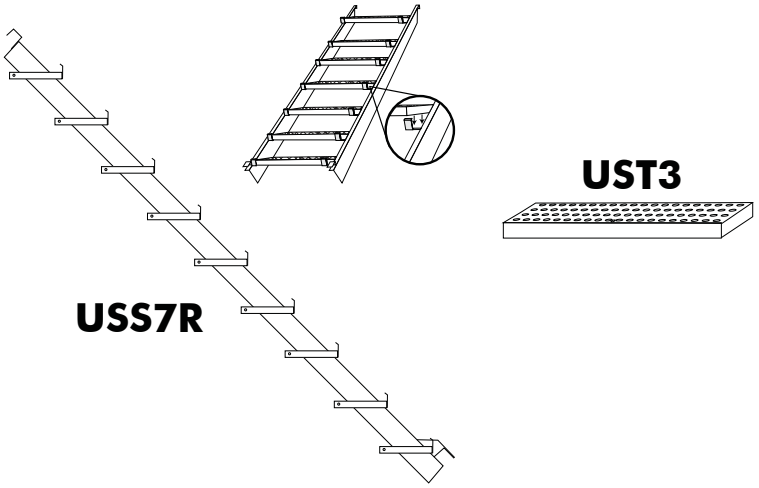


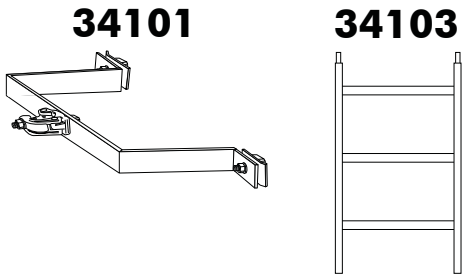
Brackets

Part No.	Description	Weight
USB1	1’ Bracket	10.0 lbs
USB2	2’ Side Bracket	15.0 lbs
USB3	3’ Side Bracket	20.0 lbs

Stair Stringer & Stair Tread

Part No.	Description	Weight
USS7L	Stair Stringer - Left	60.0 lbs
USS7R	Stair Stringer - Right	60.0 lbs
UST3	Stair Tread 3’	13.0 lbs



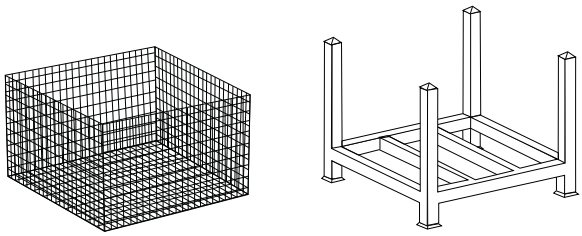


Ladders

Part No.	Description	Weight
34101	Ladder Bracket	5.5 lbs
34103	3’ Ladder	9.5 lbs
34106	6’ Ladder	18.0 lbs

Basket & Rack

Part No.	Description	Weight
INSERT	Basket Insert for System Rack	125.0 lbs
RACK	Scaffold Rack	120.0 lbs

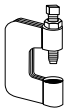


CAUTION: Always follow all applicable ANSI and OSHA codes and regulations for the proper use of this equipment. Do not use this product where it can come in contact with live power. All illustrations are for reference only. We reserve the right to modify specifications without prior notice, as we are always improving our products.

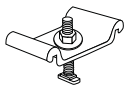
Clamps

Part No.	Description	Weight
C88	Beam Clamp	0.5 lbs
AC88	Aluminum “A” Clamp	0.5 lbs
42102	Dual Swivel Clamp	4.1 lbs
42202	Dual Rigid Clamp	3.6 lbs
423SBC	Swivel Beam Clamp	3.2 lbs
424RABC	Right Angle Beam Clamp	3.1 lbs

C88

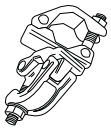


AC88

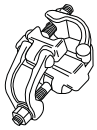


423SBC

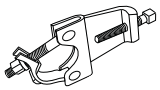
42102



42202

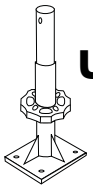


424RABC



UC12

UCA



Caster & Adapter

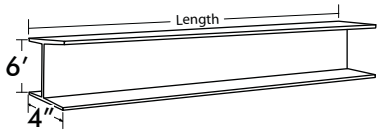
Part No.	Description	Weight
UC12	12” Heavy Duty Urethane Caster	26.0 lbs
UCA	Caster Adapter	9.0 lbs

Beams & Joists

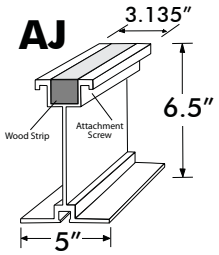
Part No.	Description	Weight
SB8*	8’ Steel Beam	96.0 lbs
SB10*	10’ Steel Beam	120.0 lbs
AJ**	Aluminum Joist	4.0 lbs/ft

* Available in other sizes - Weight calculated @12 lbs/ft
** Available from 2’ to 28’ Weight calculated @ 4lbs/ft

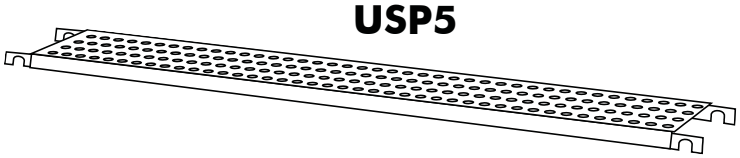
SB8



AJ



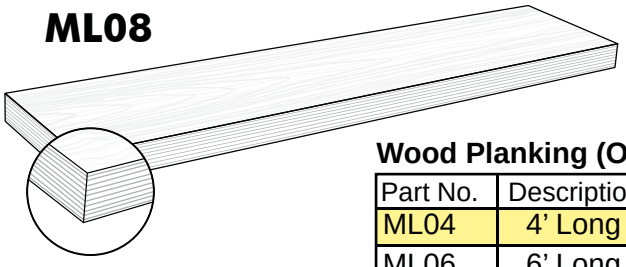
USP5



Steel Planking

Part No.	Description	Weight
USP3	3’ Steel Plank	15.0 lbs
USP36	3’6” Steel Plank	17.0 lbs
USP4	4’ Steel Plank	19.3 lbs
USP5	5’ Steel Plank	23.5 lbs
USP6	6’ Steel Plank	27.7 lbs
USP7	7’ Steel Plank	32.0 lbs
USP8	8’ Steel Plank	36.0 lbs
USP10	10’ Steel Plank	44.0 lbs

ML08



Wood Planking (OSHA Grade Laminated Scaffold Plank)

Part No.	Description	Weight
ML04	4’ Long Laminated Plank (9.5” W X 1.5” thick)	16.8 lbs
ML06	6’ Long Laminated Plank – 75 Lbs./Sq. Ft. Load Rating	25.2 lbs
ML08	8’ Long Laminated Plank – 75 Lbs./Sq. Ft. Load Rating	33.6 lbs
ML10	10’ Long Laminated Plank – 50 Lbs./Sq. Ft. Load Rating	42.0 lbs
ML16	16’ Long Laminated Plank – 50 Lbs./Sq. Ft. Load Rating	67.2 lbs
WB02	Wood Block	4.2 lbs

Features include:

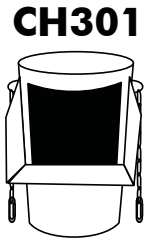
- Individually proof tested
- Tough and long lasting
- Lightweight and versatile
- 100% renewable wood resources

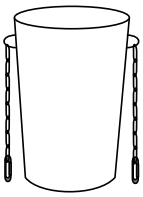
Superior only uses laminated scaffold plank (or LVL – Laminated Veneer Lumber) for strength and durability. Each length of plank is 9.5” wide X 1.5” thick.

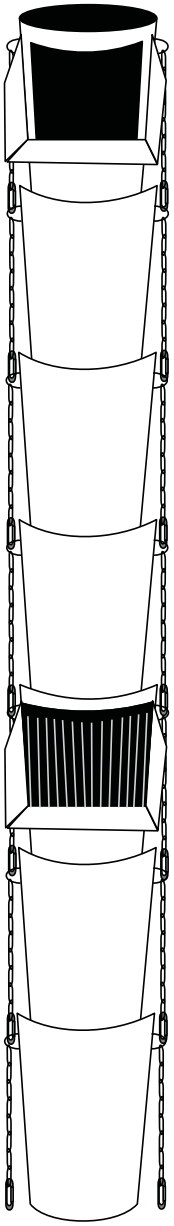
Laminated Veneer Lumber (LVL) is a super strong yet lightweight scaffold plank.

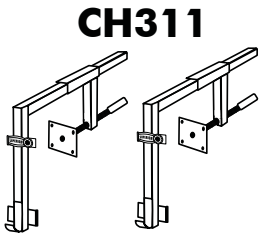
Chutes

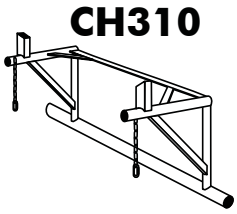
Part No.	Description	Weight
CH300	Chute Section with Chains	37.0 lbs
CH301	Intake (Top) Hopper with Chains	63.0 lbs
CH305	Intermediate Hopper with Safety flap	66.0 lbs
CH310	Basic Support Frame with Hopper Stands	62.0 lbs
CH311	Set of Two Parapet Outriggers	92.0 lbs
CH321	80’ Manual Winch with Bar	74.0 lbs

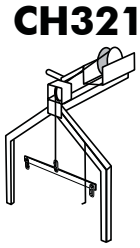












Netting

Part No.	Description
NET1460	Black Netting - U.V. Treated High Density Polyethylene
NET324FR	Black Netting - Fire Retardent Polyethylene Knitted Mesh
NETTIE14	Heavy Duty 14” Cable “Zip” Tie

NET1460 is our strongest, most dense, non-fire retardant netting. It stays flexible even in severe temperatures.

Enclosures

Part No.	Description
WRAPD12	White Enclosure Wrap
BC111	Heavy Duty Elastic Ties (Round Barrel Stick) for use with WRAPD12

WRAPD12 - Protects work areas from fine debris, dust and bad weather. Easily installed to any standard scaffold system.

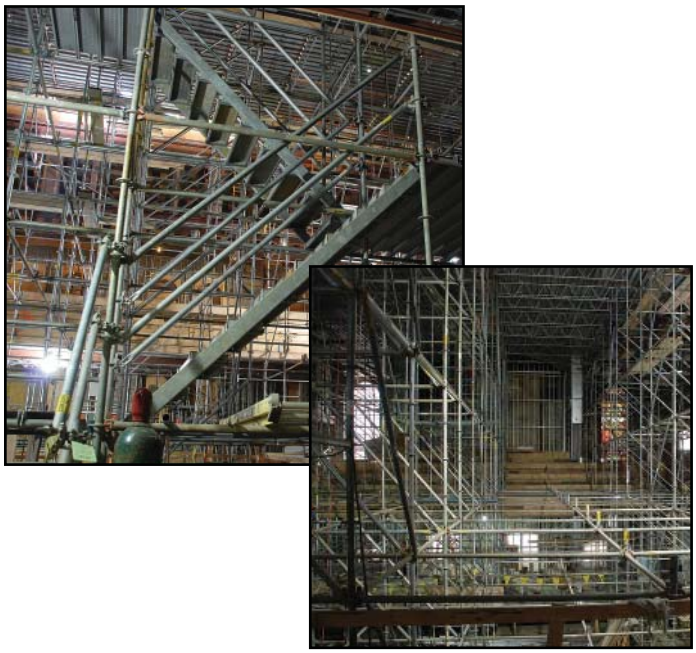
BC111

WRAPSSP

WRAPSST (ISES) goes up quickly, safely, and easily. Poles clamp directly onto verticals. Withstands higher winds and gives a tighter seal.

Integrated Scaffold Enclosure System (ISES)

Part No.	Description
WRAPSST	16 Mil Woven Polyethylene Fire Retardent Panels (Available in custom widths)
WRAPSSP	Clamp on Aluminum Mounting Pole for WRAPSST (13.5 lbs)



Baptist Temple Church, at Temple University

Superior Scaffold was at the heart of this historic building's rebirth and revitalization. The 36,000 square foot structure, designed in the Victorian Romanesque Revival and Richardsonian styles, received a full renovation that resurrected the building as a premier venue for arts and cultural productions. Thanks to Superior's engineering team, the spectacular Thomas P. Lonsdale-designed edifice is now poised to reclaim its historic role as the heart of Temple University.

Kennedy University Hospital, Stratford, NJ

Kennedy-Stratford trusted Superior with their $25 million upgrade to its facade. The extensive makeover replaced the building's aged and deteriorating surface with a more durable and energy-efficient covering. Superior engineers designed a system scaffold and containment wrap that allowed work to continue year-round and let the hospital operate as normal.

Smith Memorial Playhouse

The building was designed solely as a play space for children by one of Philadelphia's most prominent late 19th century architects, James H. Windrim. The open layout of the 24,000 square foot three story brick and masonry structure features floor to ceiling windows, porches and room upon room with a variety of play opportunities for children.

Superior engineers designed a system scaffold that would allow the $7 million renovations to take place while the building and grounds remained open for business. Superior's task was to allow workers access to the playhouse roof, exterior walls, cornice and windows, as well as the terrace and interior walls.

Code of Safe Practices

For Frame Scaffolds, System Scaffolds, Tube and Clamp Scaffolds and Rolling Scaffolds
DEVELOPED FOR INDUSTRY BY SCAFFOLD INDUSTRY ASSOCIATION, INC. (SIA) and THE SCAFFOLD, SHORING & FORMING INSTITUTE (SSFI)
It shall be the responsibility of all users to read and comply with the following common sense guidelines which are designed to promote safety in the erecting, dismantling and use of Scaffolds. These guidelines do not purport to be all-inclusive nor to supplant or replace other additional safety and precautionary measures to cover usual or unusual conditions. If these guidelines in any way conflict with any state, local, provincial, federal or other government statute or regulation, said statute or regulation shall supersede these guidelines and it shall be the responsibility of each user to comply therewith.

I. GENERAL GUIDELINES

- Post these scaffolding safety guidelines in a conspicuous place and be sure that all persons who erect, dismantle or use scaffolding are aware of them, and also use them in tool box safety meetings.
- Follow all state, local and federal codes, ordinances and regulations pertaining to scaffolding.
- Survey the job site. A survey shall be made of the job site by a competent person for hazards, such as untamped earth fills, ditches, debris, high tension wires, unguarded openings, and other hazardous conditions created by other trades. These conditions should be corrected or avoided as noted in the following sections.
- Inspect all equipment before using. Never use any equipment that is damaged or defective in any way. Mark it or tag it as defective. Remove it from the job site.
- Scaffolds must be erected in accordance with design and/or manufacturers' recommendations.
- Do not erect, dismantle or alter a scaffold unless under the supervision of a competent person.
- Do not abuse or misuse the scaffold equipment.
- Erected scaffolds should be continually inspected by users to be sure that they are maintained in safe condition. Report any unsafe condition to your supervisor.
- Never take chances! If in doubt regarding the safety or use of the scaffold, consult your scaffold supplier.
- Never use equipment for purposes or in ways for which it was not intended.
- Do not work on scaffolds if your physical condition is such that you feel dizzy or unsteady in any way.
- Do not work under the influence of alcohol or illegal drugs.

II. GUIDELINES FOR ERECTION AND USE OF SCAFFOLDS

- Scaffold base must be set on an adequate sill or pad to prevent slipping or sinking and fixed thereto where required.
- Any part of a building or structure used to support the scaffold shall be capable of supporting the maximum intended load to be applied.
- Use adjusting screws or other approved methods instead of blocking to adjust to uneven grade conditions.
- Bracing, leveling & plumbing of frame scaffolds -
  1. Plumb and level all scaffolds as the erection proceeds. Do not force frames or braces to fit. Level the scaffold until proper fit can easily be made.
  2. Each frame or panel shall be braced by horizontal bracing, cross bracing, diagonal bracing or any combination thereof for securing vertical members together laterally. All brace connections shall be made secure, in accordance with the manufacturer's recommendations.
- Bracing, leveling & plumbing of tube & clamp and system scaffolds -
  1. Posts shall be erected plumb in all directions, with the first level of runners and bearers positioned as close to the base as feasible. The distance between bearers and runners shall not exceed manufacturer's recommended procedures.
  2. Plumb, level and tie all scaffolds as erection proceeds.
  3. Fasten all couplers and/or connections securely before assembly of next level.
  4. Vertical and/or horizontal diagonal bracing must be installed according to manufacturer's recommendations.
- Tie continuous (running) scaffolds to the wall or structure at each end and at least every 30 feet of length when scaffold height exceeds the maximum allowable free standing dimension. Begin ties or stabilizers when the scaffold height exceeds that dimension, and repeat at vertical intervals not greater than 26 feet. The top anchor shall be placed no lower than four (4) times the base dimension from the top of the completed scaffold. Anchors must prevent scaffold from tipping into or away from wall or structure. Stabilize circular or irregular scaffolds in such a manner that completed scaffold is secure and restrained from tipping. When scaffolds are partially or fully enclosed or subjected to overturning loads, specific precautions shall be taken to insure the frequency and accuracy of ties to the wall and structure. Due to increased loads resulting from wind or overturning loads the scaffolding component to which ties are subjected shall be checked for additional loads.
- When free standing scaffold towers exceed four (4) times their minimum base dimensions vertically, they must be restrained from tipping. (CAL/OSHA and some government agencies require stricter ratio of 3 to 1.)
- Do not erect scaffolds near electrical power lines unless proper precautions are taken. Consult the power service company for advice.
- A means of access to all platforms shall be provided.
- Do no use ladders or makeshift devices on top of scaffolds to increase the height.
- Provide guardrails and mid-rails at each working platform level where open sides and ends exist, and toeboards where required by code.
- Brackets and cantilevered platforms -
  1. Brackets for System Scaffolds shall be installed and used in accordance with manufacturer's recommendations.
  2. Brackets for Frame Scaffolds shall be seated correctly with side bracket parallel to the frames and end brackets at 90 degrees to the frames. Brackets shall not be bent or twisted from normal position. Brackets (except mobile brackets designed to carry materials) are to be used as work platforms only and shall not be used for storage of material or equipment.
  3. Cantilevered platforms shall be designed, installed and used in accordance with manufacturer's recommendations.
- All scaffolding components shall be installed and used in accordance with the manufacturer's recommended procedure.
- Components shall not be altered in the field.

Scaffold frames and their components manufactured by different companies shall not be intermixed, unless the component parts readily fit together and the resulting scaffold's structural integrity is maintained by the user.

- Planking -
  1. Working platforms shall cover scaffold bearer as completely as possible. Only scaffold grade wood planking, or fabricated planking and decking meeting scaffold use requirements shall be used.
  2. Check each plank prior to use to be sure plank is not warped, damaged, or otherwise unsafe.
  3. Planking shall have at least 12" overlap and extend 6" beyond center of support, or be cleated or restrained at both ends to prevent sliding off supports.
  4. Solid sawn lumber, LVL (laminated veneer lumber) or fabricated scaffold planks and platforms (unless cleated or restrained) shall extend over their end supports not less than 6" nor more than 18". This overhang should not be used as a work platform.
- For "putlogs" and "trusses" the following additional guidelines apply:
  1. Do not cantilever or extend putlogs/trusses as side brackets without thorough consideration for loads to be applied.
  2. Putlogs/trusses should be extended at least 6" beyond point of support.
  3. Place recommended bracing between putlogs/trusses when the span of putlog/truss is more than 12 feet.
- For rolling scaffolds the following additional guidelines apply:
  1. Riding a rolling scaffold is very hazardous. The Scaffold Industry Association does not recommend nor encourage this practice. However, if you choose to do so, be sure to follow all state, federal or other governmental guidelines.
  2. Casters with plain stems shall be attached to the panel or adjustment screw by pins or other suitable means.
  3. No more than 12 inches of the screw jack shall extend between the bottom of the adjusting nut and the top of the caster.
  4. Wheels or casters shall be provided with a locking means to prevent caster rotation and scaffold movement and kept locked.
  5. Joints shall be restrained from separation.
  6. Use horizontal diagonal bracing near the bottom and at 20 foot intervals measured from the rolling surface.
  7. Do not use brackets or other platform extensions without compensating for the overturning effect.
  8. The platform height of a rolling scaffold must not exceed four (4) times the smallest base dimension (CAL/OSHA and some government agencies require a stricter ratio of 3 to 1).
  9. Cleat or secure all plank.
  10. Secure or remove all materials and equipment from platform before moving.
  11. Do not attempt to move a rolling scaffold without sufficient help - watch out for holes in floor and overhead obstructions - stabilize against tipping.
- Safe use of scaffold -
  1. Prior to use, inspect scaffold to insure it has not been altered and is in safe working condition.
  2. Erected scaffolds and platforms should be inspected continuously by those using them.
  3. Exercise caution when entering or leaving a work platform.
  4. Do not overload scaffold. Follow manufacturer's safe working load recommendations.
  5. Do not jump onto planks or platforms.
  6. Do not use ladders or makeshift devices on top of working platforms to increase the height or provide access from above.
  7. Climb in access areas only and use both hands.

III. WHEN DISMANTLING SCAFFOLDING THE FOLLOWING ADDITIONAL GUIDELINES APPLY:

- Check to assure scaffolding has not been structurally altered in a way which would make it unsafe and, if it has, reconstruct where necessary before commencing with dismantling procedures. This includes all scaffold ties.
- Visually inspect plank prior to dismantling to be sure they are safe.
- Consideration must be given as to the effect removal of a component will have on the rest of the scaffold prior to that component's removal.
- Do not accumulate excess components or equipment on the level being dismantled.
- Do not remove ties until scaffold above has been removed (dismantled).
- Lower dismantled components in an orderly manner. Do not throw off of scaffold.
- Dismantled equipment should be stockpiled in an orderly manner.
- FOLLOW ERECTION PROCEDURES AND USE MANUALS.
- These safety guidelines (Codes of Safe Practice) set forth common sense procedures for safely erecting, dismantling and using scaffolding equipment. However, equipment and scaffolding systems differ, and accordingly, reference must always be made to the instructions and procedures of the supplier and/or manufacturer of the equipment.
- Since field conditions vary and are beyond the control of the
- Scaffold Industry Association, safe and proper use of scaffolding is the
- sole responsibility of the user.

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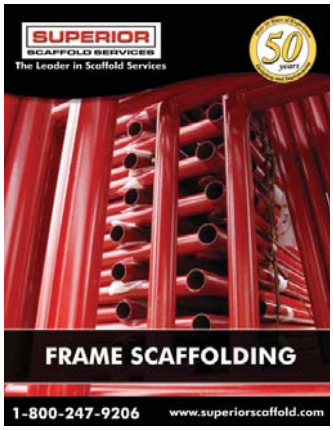

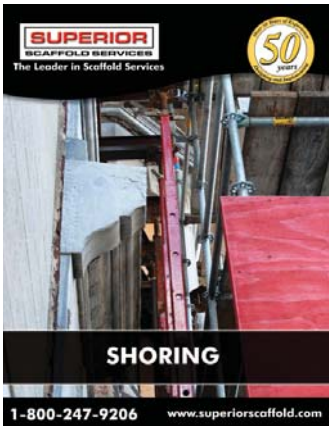

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