2023 Student Steel Bridge Competition ASCE Region 6 Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction Lateral Vertical Loading Weighing							
2	1	2	1				

Equipment Overview				
~6200 lbs. ~ 4 pallets of angles				

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		
Jack Stand	16	H	
Steel Grating - No Tabs	1	H	
Steel Grating - With Tabs	4	H	
Steel Bearing Plate (24"x 24")	8	H	
Lateral Load Stand	1	H	
Lanyard (Lateral Load Stand Accessory)	1	Ħ	
Caribiner (Lateral Load Stand Accessory)	1	H	
Dog Collar (Lateral Load Stand Accessory)	1	H	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	H	
Slotted 25 lb. Loading Plate	2	H	
Wood Box for Member Check	2	H	
Level (4')	2	H	
Vertical Deflection Measurement Device	6	H	
Scale	5	H	
Clipboard	14	H	
Tape Measure (25')	7	H	
Flashlight	2	Ħ	
Stopwatch	4	Ħ	
Laser Plumb-bob	5	Ħ	
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2	Ħ	
1" Radius Sway Target	12	Ħ	
3/4" Radius Sway Target	12	Ħ	
Magnet	2	Ħ	
C-Clamp	4	$\overline{\sqcap}$	
If any of the inventory items listed below are damag AISC will not provide replacements. Instruction Guide for Vertical Deflection Device	ed or	mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	2	片	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	片	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	H	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	片	
Wood Piece (2x4 x 3'-6")	2	片	
Wood Block (2x4 x 6")	6	片	
String Line (25')	2	H	
Masking Tape Roll	5	Ħ	
Flashlight Battery (type: AA)	4	Ħ	
Stopwatch Battery (type: LR44)	4	Ħ	
Scale Battery (type: 9V)	4	Ħ	
Caliper Battery for Vertical Deflection Device (type: 357)	4	Ħ	
Laser Plumb Bob Battery (type: AAA)	20		

2023 Student Steel Bridge Competition Carolinas Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction Lateral Vertical Weighing							
1	1	1	1				

Equipment Overview
~4000 lbs. ~ 2 pallets of angles 2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	103		
Jack Stand	8		
Steel Grating - No Tabs	1		
Steel Grating - With Tabs	2		
Steel Bearing Plate (24"x 24")	4		
Lateral Load Stand	1		
Lanyard (Lateral Load Stand Accessory)	1		
Caribiner (Lateral Load Stand Accessory)	1		
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2		
Wood Box for Member Check	1		
Level (4')	1		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	8		
Tape Measure (25')	4		
Flashlight	1		
Stopwatch	2		
Laser Plumb-bob	3		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	1		
1" Radius Sway Target	8		
3/4" Radius Sway Target	8		
Magnet	1		
C-Clamp	2		
If any of the inventory items listed below are dama- AISC will not provide replacements. Instruction Guide for Vertical Deflection Device		mis	sing, the host must provide a replacement before the competition.
	1	片	
Plywood template for stringer passageway and deck support Plywood template for ground clearance (1/2" x 4" x 7-1/2")	1	Η	
Wood piece (4x4 x 3'-0") to increase height of jack stands	1	片	
	8	片	
Plywood piece to protect tops of scales (1" x 11" x 11") Wood Piece (2x4 x 3'-6")	1	무	
Wood Block (2x4 x 6")	-i	片	
String Line (25')	3	片	
Masking Tape Roll	3	片	
Flashlight Battery (type: AA)	- i	片	
Stopwatch Battery (type: LR44)	2	ዙ	
Scale Battery (type: 9V)	2	屵	
	4	뷰	
Caliper Battery for Vertical Deflection Device (type: 357)	2	屵	
Laser Plumb Bob Battery (type: AAA)	12		1

2023 Student Steel Bridge Competition Eastern Great Lakes Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction Lateral Vertical Weighing							
2	1	2	1				

Equipment Overview	
~6200 lbs. ~ 4 pallets of angles 2-3 material pallets	

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		
Jack Stand	16		
Steel Grating - No Tabs	1		
Steel Grating - With Tabs	4		
Steel Bearing Plate (24"x 24")	8		
Lateral Load Stand	1		
Lanyard (Lateral Load Stand Accessory)	1		
Caribiner (Lateral Load Stand Accessory)	1		
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2		
Wood Box for Member Check	2		
Level (4')	2		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
	ged or	mis	sing, the host must provide a replacement before the competition.
AISC will not provide replacements.	,		
Instruction Guide for Vertical Deflection Device	1		
Plywood template for stringer passageway and deck support	2		
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2		
Wood piece (4x4 x 3'-0") to increase height of jack stands	16		
Plywood piece to protect tops of scales (1" x 11" x 11")	4		
Wood Piece (2x4 x 3'-6")	2		
Wood Block (2x4 x 6")	6		
String Line (25')	2		
Masking Tape Roll	5		
Flashlight Battery (type: AA)	4		
Stopwatch Battery (type: LR44)	4		
Scale Battery (type: 9V)	4		
Caliper Battery for Vertical Deflection Device (type: 357)	4		
Laser Plumb Bob Battery (type: AAA)	20		

2023 Student Steel Bridge Competition Gulf Coast Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction Lateral Vertical Weighing							
2	1	2	1				

Equipment Overview
~6200 lbs.
~ 4 pallets of angles

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203	П	
Jack Stand	16	Ħ	
Steel Grating - No Tabs	1	Ħ	
Steel Grating - With Tabs	4	Ħ	
Steel Bearing Plate (24"x 24")	8	Ħ	
Lateral Load Stand	1	Ħ	
Lanyard (Lateral Load Stand Accessory)	1	Ħ	
Caribiner (Lateral Load Stand Accessory)	1	ī	
Dog Collar (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Slotted 25 lb. Loading Plate	2	$\overline{\Box}$	
Wood Box for Member Check	2	$\overline{\Box}$	
Level (4')	2	$\overline{\Box}$	
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
If any of the inventory items listed below are damag AISC will not provide replacements. Instruction Guide for Vertical Deflection Device	jed or	mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	2	H	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	片	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	片	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	ᆸ	
Wood Piece (2x4 x 3'-6")	2	H	
Wood Block (2x4 x 6")	6	H	
String Line (25')	2	H	
Masking Tape Roll	5	片	
Flashlight Battery (type: AA)	4	H	
Stopwatch Battery (type: LR44)	4	H	
Scale Battery (type: 9V)	4	片	
Caliper Battery for Vertical Deflection Device (type: 357)	4	一	
Laser Plumb Bob Battery (type: AAA)	20	Ħ	

2023 Student Steel Bridge Competition Indiana-Kentucky Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction Lateral Vertical Weighing							
2	1	2	1				

Equipment Overview	
~6200 lbs.	

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		
Jack Stand	16	H	
Steel Grating - No Tabs	1	H	
Steel Grating - With Tabs	4	H	
Steel Bearing Plate (24"x 24")	8	H	
Lateral Load Stand	1	H	
Lanyard (Lateral Load Stand Accessory)	1	Ħ	
Caribiner (Lateral Load Stand Accessory)	1	H	
Dog Collar (Lateral Load Stand Accessory)	1	H	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	H	
Slotted 25 lb. Loading Plate	2	H	
Wood Box for Member Check	2	H	
Level (4')	2	H	
Vertical Deflection Measurement Device	6	H	
Scale	5	H	
Clipboard	14	H	
Tape Measure (25')	7	H	
Flashlight	2	Ħ	
Stopwatch	4	Ħ	
Laser Plumb-bob	5	Ħ	
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2	Ħ	
1" Radius Sway Target	12	Ħ	
3/4" Radius Sway Target	12	Ħ	
Magnet	2	Ħ	
C-Clamp	4	$\overline{\sqcap}$	
If any of the inventory items listed below are damag AISC will not provide replacements. Instruction Guide for Vertical Deflection Device	ed or	mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	2	片	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	片	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	H	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	片	
Wood Piece (2x4 x 3'-6")	2	片	
Wood Block (2x4 x 6")	6	片	
String Line (25')	2	H	
Masking Tape Roll	5	Ħ	
Flashlight Battery (type: AA)	4	Ħ	
Stopwatch Battery (type: LR44)	4	Ħ	
Scale Battery (type: 9V)	4	Ħ	
Caliper Battery for Vertical Deflection Device (type: 357)	4	Ħ	
Laser Plumb Bob Battery (type: AAA)	20		

2023 Student Steel Bridge Competition Intermountain Southwest Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction	Lateral Loading	Vertical Loading	Weighing				
2	2 1		1				

Equipment Overview	
~6200 lbs.	

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203	П	
Jack Stand	16	Ħ	
Steel Grating - No Tabs	1	百	
Steel Grating - With Tabs	4	百	
Steel Bearing Plate (24"x 24")	8		
Lateral Load Stand	1		
Lanyard (Lateral Load Stand Accessory)	1		
Caribiner (Lateral Load Stand Accessory)	1		
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2		
Wood Box for Member Check	2		
Level (4')	2		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
AISC will not provide replacements.	ged or	mis	sing, the host must provide a replacement before the competition.
Instruction Guide for Vertical Deflection Device	1		
Plywood template for stringer passageway and deck support	2		
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2		
Wood piece (4x4 x 3'-0") to increase height of jack stands	16		
Plywood piece to protect tops of scales (1" x 11" x 11")	4		
Wood Piece (2x4 x 3'-6")	2		
Wood Block (2x4 x 6")	6		
String Line (25')	2		
Masking Tape Roll	5		
Flashlight Battery (type: AA)	4		
Stopwatch Battery (type: LR44)	4		
Scale Battery (type: 9V)	4		
Caliper Battery for Vertical Deflection Device (type: 357)	4		
Laser Plumb Bob Battery (type: AAA)	20	\Box	

2023 Student Steel Bridge Competition Metropolitan Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations						
Construction	Lateral Loading	Vertical Loading	Weighing			
2	1	2	1			

Equipment Overview	_
~6200 lbs.	
~ 4 pallets of angles 2-3 material pallets	

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		110.53
Jack Stand	16	H	
Steel Grating - No Tabs	1	Ħ	
Steel Grating - With Tabs	4	Ħ	
Steel Bearing Plate (24"x 24")	8	Ħ	
Lateral Load Stand	1	Ħ	
Lanyard (Lateral Load Stand Accessory)	1	ī	
Caribiner (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2	$\overline{\Box}$	
Wood Box for Member Check	2		
Level (4')	2		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
If any of the inventory items listed below are damaged AISC will not provide replacements. Instruction Guide for Vertical Deflection Device		mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	1 2	H	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	H	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	H	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	片	
Wood Piece (2x4 x 3'-6")	2	H	
Wood Block (2x4 x 6")	6	H	
String Line (25')	2	H	
Masking Tape Roll	5	H	
Flashlight Battery (type: AA)	4	片	
Stopwatch Battery (type: LR44)	4	Η	
Scale Battery (type: 9V)	4	井	
Caliper Battery for Vertical Deflection Device (type: 357)	4	믐	
Laser Plumb Bob Battery (type: AAA)	20	믐	
Laser Flumb Bob Battery (type: AAA)	- 20		

2023 Student Steel Bridge Competition Mid-America Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations						
Construction	Lateral Loading	Vertical Loading	Weighing			
2	1	2	1			

Equipment Overview	
~6200 lbs.	

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		
Jack Stand	16	H	
Steel Grating - No Tabs	1	H	
Steel Grating - With Tabs	4	H	
Steel Bearing Plate (24"x 24")	8	H	
Lateral Load Stand	1	H	
Lanyard (Lateral Load Stand Accessory)	1	Ħ	
Caribiner (Lateral Load Stand Accessory)	1	H	
Dog Collar (Lateral Load Stand Accessory)	1	H	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	H	
Slotted 25 lb. Loading Plate	2	H	
Wood Box for Member Check	2	H	
Level (4')	2	H	
Vertical Deflection Measurement Device	6	H	
Scale	5	H	
Clipboard	14	H	
Tape Measure (25')	7	H	
Flashlight	2	Ħ	
Stopwatch	4	Ħ	
Laser Plumb-bob	5	Ħ	
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2	Ħ	
1" Radius Sway Target	12	Ħ	
3/4" Radius Sway Target	12	Ħ	
Magnet	2	Ħ	
C-Clamp	4	$\overline{\sqcap}$	
If any of the inventory items listed below are damag AISC will not provide replacements. Instruction Guide for Vertical Deflection Device	ed or	mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	2	片	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	片	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	H	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	片	
Wood Piece (2x4 x 3'-6")	2	片	
Wood Block (2x4 x 6")	6	片	
String Line (25')	2	H	
Masking Tape Roll	5	Ħ	
Flashlight Battery (type: AA)	4	Ħ	
Stopwatch Battery (type: LR44)	4	Ħ	
Scale Battery (type: 9V)	4	Ħ	
Caliper Battery for Vertical Deflection Device (type: 357)	4	Ħ	
Laser Plumb Bob Battery (type: AAA)	20		

2023 Student Steel Bridge Competition Mid-Atlantic East Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction	Lateral Loading	Vertical Loading	Weighing				
1	1	1	1				

Equipment Overview
~4000 lbs. ~ 2 pallets of angles
2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	103		
Jack Stand	8		
Steel Grating - No Tabs	1		
Steel Grating - With Tabs	2		
Steel Bearing Plate (24"x 24")	4		
Lateral Load Stand	1		
Lanyard (Lateral Load Stand Accessory)	1		
Caribiner (Lateral Load Stand Accessory)	1		
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2		
Wood Box for Member Check	1		
Level (4')	1		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	8		
Tape Measure (25')	4		
Flashlight	1		
Stopwatch	2		
Laser Plumb-bob	3		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	1		
1" Radius Sway Target	8		
3/4" Radius Sway Target	8		
Magnet	1		
C-Clamp	2		
AISC will not provide replacements.		mis	sing, the host must provide a replacement before the competition.
Instruction Guide for Vertical Deflection Device	1	Ц	
Plywood template for stringer passageway and deck support	1	Ц	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	1	Ц	
Wood piece (4x4 x 3'-0") to increase height of jack stands	8	ᆜ	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	닐	
Wood Piece (2x4 x 3'-6")	1	닐	
Wood Block (2x4 x 6")	3	Ц	
String Line (25')	1	Ц	
Masking Tape Roll	3		
Flashlight Battery (type: AA)	2		
Stopwatch Battery (type: LR44)	2		
Scale Battery (type: 9V)	4		
Caliper Battery for Vertical Deflection Device (type: 357)	2		
Laser Plumb Bob Battery (type: AAA)	12		

2023 Student Steel Bridge Competition Mid-Atlantic West Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction	Lateral Loading	Vertical Loading	Weighing				
2	1	2	1				

Equipment Overview				
~6200 lbs. ~ 4 pallets of angles				

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		
Jack Stand	16	H	
Steel Grating - No Tabs	1	H	
Steel Grating - With Tabs	4	H	
Steel Bearing Plate (24"x 24")	8	H	
Lateral Load Stand	1	H	
Lanyard (Lateral Load Stand Accessory)	1	Ħ	
Caribiner (Lateral Load Stand Accessory)	1	H	
Dog Collar (Lateral Load Stand Accessory)	1	H	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	H	
Slotted 25 lb. Loading Plate	2	H	
Wood Box for Member Check	2	H	
Level (4')	2	H	
Vertical Deflection Measurement Device	6	H	
Scale	5	H	
Clipboard	14	H	
Tape Measure (25')	7	H	
Flashlight	2	Ħ	
Stopwatch	4	Ħ	
Laser Plumb-bob	5	Ħ	
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2	Ħ	
1" Radius Sway Target	12	Ħ	
3/4" Radius Sway Target	12	Ħ	
Magnet	2	Ħ	
C-Clamp	4	$\overline{\sqcap}$	
If any of the inventory items listed below are damag AISC will not provide replacements. Instruction Guide for Vertical Deflection Device	ed or	mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	2	片	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	片	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	H	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	H	
Wood Piece (2x4 x 3'-6")	2	片	
Wood Block (2x4 x 6")	6	片	
String Line (25')	2	H	
Masking Tape Roll	5	Ħ	
Flashlight Battery (type: AA)	4	Ħ	
Stopwatch Battery (type: LR44)	4	Ħ	
Scale Battery (type: 9V)	4	Ħ	
Caliper Battery for Vertical Deflection Device (type: 357)	4	Ħ	
Laser Plumb Bob Battery (type: AAA)	20		

2023 Student Steel Bridge Competition Mid-Pacific Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction	Lateral Loading	Vertical Loading	Weighing				
2	1	2	1				

Equipment Overview
~6200 lbs.
~ 4 pallets of angles

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203	П	
Jack Stand	16	Ħ	
Steel Grating - No Tabs	1	Ħ	
Steel Grating - With Tabs	4	ī	
Steel Bearing Plate (24"x 24")	8	ī	
Lateral Load Stand	1	$\overline{\Box}$	
Lanyard (Lateral Load Stand Accessory)	1		
Caribiner (Lateral Load Stand Accessory)	1		
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2		
Wood Box for Member Check	2		
Level (4')	2		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
If any of the inventory items listed below are dama AISC will not provide replacements.	ged or	mis	sing, the host must provide a replacement before the competition.
Instruction Guide for Vertical Deflection Device	1		
Plywood template for stringer passageway and deck support	2	H	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	H	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	片	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	H	
Wood Piece (2x4 x 3'-6")	2	H	
Wood Block (2x4 x 6")	6	H	
String Line (25')	2	H	
Masking Tape Roll	5	H	
Flashlight Battery (type: AA)	4	H	
Stopwatch Battery (type: LR44)	4	片	
Scale Battery (type: 9V)	4	片	
Caliper Battery for Vertical Deflection Device (type: 357)	4	Ħ	
Laser Plumb Bob Battery (type: AAA)	20	Ħ	

2023 Student Steel Bridge Competition Mid-South Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction	Lateral Loading	Vertical Loading	Weighing				
2	1	2	1				

Equipment Overview
~6200 lbs.
~ 4 pallets of angles

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203	П	
Jack Stand	16	Ħ	
Steel Grating - No Tabs	1	Ħ	
Steel Grating - With Tabs	4	Ħ	
Steel Bearing Plate (24"x 24")	8	Ħ	
Lateral Load Stand	1	Ħ	
Lanyard (Lateral Load Stand Accessory)	1	Ħ	
Caribiner (Lateral Load Stand Accessory)	1	ī	
Dog Collar (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Slotted 25 lb. Loading Plate	2	$\overline{\Box}$	
Wood Box for Member Check	2	$\overline{\Box}$	
Level (4')	2	$\overline{\Box}$	
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
If any of the inventory items listed below are damag AISC will not provide replacements. Instruction Guide for Vertical Deflection Device	jed or	mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	2	H	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	片	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	片	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	ᆸ	
Wood Piece (2x4 x 3'-6")	2	H	
Wood Block (2x4 x 6")	6	H	
String Line (25')	2	H	
Masking Tape Roll	5	片	
Flashlight Battery (type: AA)	4	H	
Stopwatch Battery (type: LR44)	4	H	
Scale Battery (type: 9V)	4	片	
Caliper Battery for Vertical Deflection Device (type: 357)	4	一	
Laser Plumb Bob Battery (type: AAA)	20	Ħ	

2023 Student Steel Bridge Competition Northeast Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction	Lateral Loading	Vertical Loading	Weighing				
2	1	2	1				

Equipment Overview
~6200 lbs.
~ 4 pallets of angles

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203	П	
Jack Stand	16	ī	
Steel Grating - No Tabs	1	Ħ	
Steel Grating - With Tabs	4	Ħ	
Steel Bearing Plate (24"x 24")	8	Ħ	
Lateral Load Stand	1	Ħ	
Lanyard (Lateral Load Stand Accessory)	1	ī	
Caribiner (Lateral Load Stand Accessory)	1		
Dog Collar (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Slotted 25 lb. Loading Plate	2	ī	
Wood Box for Member Check	2	ī	
Level (4')	2	ī	
Vertical Deflection Measurement Device	6	ī	
Scale	5		
Clipboard	14	ī	
Tape Measure (25')	7	ī	
Flashlight	2	ī	
Stopwatch	4	ī	
Laser Plumb-bob	5	$\overline{\Box}$	
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2	$\overline{\Box}$	
1" Radius Sway Target	12	$\overline{\Box}$	
3/4" Radius Sway Target	12	$\overline{\Box}$	
Magnet	2		
C-Clamp	4		
If any of the inventory items listed below are dama AISC will not provide replacements. Instruction Guide for Vertical Deflection Device		mis	ssing, the host must provide a replacement before the competition.
	1	님	
Plywood template for stringer passageway and deck support	2	님	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	님	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	님	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	片	
Wood Piece (2x4 x 3'-6")	2	무	
Wood Block (2x4 x 6")	6	닏	
String Line (25')	2	닏	
Masking Tape Roll	5	Ц	
Flashlight Battery (type: AA)	4	Ц	
Stopwatch Battery (type: LR44)	4	ᆜ	
Scale Battery (type: 9V)	4	Ц	
Caliper Battery for Vertical Deflection Device (type: 357)	4	Ц	
Laser Plumb Bob Battery (type: AAA)	20	: 1 1	

2023 Student Steel Bridge Competition Pacific Northwest Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction	Lateral Loading	Vertical Loading	Weighing				
2	1	2	1				

Equipment Overview	
~6200 lbs. ~ 4 pallets of angles 2-3 material pallets	

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		
Jack Stand	16		
Steel Grating - No Tabs	1		
Steel Grating - With Tabs	4		
Steel Bearing Plate (24"x 24")	8		
Lateral Load Stand	1		
Lanyard (Lateral Load Stand Accessory)	1		
Caribiner (Lateral Load Stand Accessory)	1		
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2		
Wood Box for Member Check	2		
Level (4')	2		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
	ged or	mis	sing, the host must provide a replacement before the competition.
AISC will not provide replacements.	,		
Instruction Guide for Vertical Deflection Device	1		
Plywood template for stringer passageway and deck support	2		
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2		
Wood piece (4x4 x 3'-0") to increase height of jack stands	16		
Plywood piece to protect tops of scales (1" x 11" x 11")	4		
Wood Piece (2x4 x 3'-6")	2		
Wood Block (2x4 x 6")	6		
String Line (25')	2		
Masking Tape Roll	5		
Flashlight Battery (type: AA)	4		
Stopwatch Battery (type: LR44)	4		
Scale Battery (type: 9V)	4		
Caliper Battery for Vertical Deflection Device (type: 357)	4		
Laser Plumb Bob Battery (type: AAA)	20		

2023 Student Steel Bridge Competition Pacific Southwest Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations						
Construction Lateral Vertical Loading Weighing						
2	1	2	1			

Equipment Overview	
~6200 lbs. ~ 4 pallets of angles	

2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		110.53
Jack Stand	16	H	
Steel Grating - No Tabs	1	Ħ	
Steel Grating - With Tabs	4	Ħ	
Steel Bearing Plate (24"x 24")	8	Ħ	
Lateral Load Stand	1	Ħ	
Lanyard (Lateral Load Stand Accessory)	1	ī	
Caribiner (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2	$\overline{\Box}$	
Wood Box for Member Check	2		
Level (4')	2		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
If any of the inventory items listed below are damaged AISC will not provide replacements. Instruction Guide for Vertical Deflection Device		mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	1 2	H	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	H	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	H	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	片	
Wood Piece (2x4 x 3'-6")	2	H	
Wood Block (2x4 x 6")	6	H	
String Line (25')	2	H	
Masking Tape Roll	5	H	
Flashlight Battery (type: AA)	4	片	
Stopwatch Battery (type: LR44)	4	Η	
Scale Battery (type: 9V)	4	井	
Caliper Battery for Vertical Deflection Device (type: 357)	4	믐	
Laser Plumb Bob Battery (type: AAA)	20	믐	
Laser Flumb Bob Battery (type: AAA)	- 20		

2023 Student Steel Bridge Competition Rocky Mountain Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction Lateral Vertical Weighing							
2	1	2	1				

Equipment Overview
~6200 lbs. ~ 4 pallets of angles 2-3 material pallets

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		110.53
Jack Stand	16	H	
Steel Grating - No Tabs	1	Ħ	
Steel Grating - With Tabs	4	Ħ	
Steel Bearing Plate (24"x 24")	8	Ħ	
Lateral Load Stand	1	Ħ	
Lanyard (Lateral Load Stand Accessory)	1	ī	
Caribiner (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2	$\overline{\Box}$	
Wood Box for Member Check	2		
Level (4')	2		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
If any of the inventory items listed below are damaged AISC will not provide replacements. Instruction Guide for Vertical Deflection Device		mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	1 2	H	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	H	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	H	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	片	
Wood Piece (2x4 x 3'-6")	2	H	
Wood Block (2x4 x 6")	6	H	
String Line (25')	2	H	
Masking Tape Roll	5	H	
Flashlight Battery (type: AA)	4	片	
Stopwatch Battery (type: LR44)	4	Η	
Scale Battery (type: 9V)	4	井	
Caliper Battery for Vertical Deflection Device (type: 357)	4	믐	
Laser Plumb Bob Battery (type: AAA)	20	믐	
Laser Flumb Bob Battery (type: AAA)	- 20		

2023 Student Steel Bridge Competition Southeast Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations						
Construction	Lateral Loading	Vertical Loading	Weighing			
2	1	2	1			

Equipment Overview
~6200 lbs. ~ 4 pallets of angles

2-3 material pallets

Inventory Item	# To	ntal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		Notes
Jack Stand	16	H	
Steel Grating - No Tabs	1	H	
Steel Grating - With Tabs	4	H	
Steel Bearing Plate (24"x 24")	8	H	
Lateral Load Stand	1	H	
Lanyard (Lateral Load Stand Accessory)	1	H	
Caribiner (Lateral Load Stand Accessory)	1	믐	
Dog Collar (Lateral Load Stand Accessory)	1	片	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	H	
	-	屵	
Slotted 25 lb. Loading Plate	2		
Wood Box for Member Check	2		
Level (4')	2	片	
Vertical Deflection Measurement Device	6	Ц	
Scale	5	Щ	
Clipboard	14	Щ	
Tape Measure (25')	7	Ц	
Flashlight	2	Щ	
Stopwatch	4	Щ	
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
AISC will not provide replacements.		mis	sing, the host must provide a replacement before the competition.
Instruction Guide for Vertical Deflection Device	1	Щ	
Plywood template for stringer passageway and deck support	2	Ц	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	Щ	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	Щ	
Plywood piece to protect tops of scales (1" x 11" x 11")	4		
Wood Piece (2x4 x 3'-6")	2		
Wood Block (2x4 x 6")	6		
String Line (25')	2		
Masking Tape Roll	5		
Flashlight Battery (type: AA)	4		
Stopwatch Battery (type: LR44)	4		
Scale Battery (type: 9V)	4		
Caliper Battery for Vertical Deflection Device (type: 357)	4		
Laser Plumb Bob Battery (type: AAA)	20		

2023 Student Steel Bridge Competition Upstate New York - Canada Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations							
Construction	Lateral Loading	Vertical Loading	Weighing				
2	1	2	1				

Equipment Overview	
~6200 lbs. ~ 4 pallets of angles	
2-3 material pallets	

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		
Jack Stand	16	H	
Steel Grating - No Tabs	1	H	
Steel Grating - With Tabs	4	H	
Steel Bearing Plate (24"x 24")	8	H	
Lateral Load Stand	1	H	
Lanyard (Lateral Load Stand Accessory)	1	Ħ	
Caribiner (Lateral Load Stand Accessory)	1	H	
Dog Collar (Lateral Load Stand Accessory)	1	H	
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1	H	
Slotted 25 lb. Loading Plate	2	H	
Wood Box for Member Check	2	H	
Level (4')	2	H	
Vertical Deflection Measurement Device	6	H	
Scale	5	H	
Clipboard	14	H	
Tape Measure (25')	7	H	
Flashlight	2	Ħ	
Stopwatch	4	Ħ	
Laser Plumb-bob	5	Ħ	
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2	Ħ	
1" Radius Sway Target	12	Ħ	
3/4" Radius Sway Target	12	Ħ	
Magnet	2	ī	
C-Clamp	4	П	
If any of the inventory items listed below are damaged AISC will not provide replacements. Instruction Guide for Vertical Deflection Device	ged or	mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	2	Η	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	片	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	片	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	片	
Wood Piece (2x4 x 3'-6")	2	片	
Wood Block (2x4 x 6")	6	片	
String Line (25')	2	H	
Masking Tape Roll	5	H	
Flashlight Battery (type: AA)	4	片	
Stopwatch Battery (type: LR44)	4	H	
Scale Battery (type: 9V)	4	十	
Caliper Battery for Vertical Deflection Device (type: 357)	4	+	
Laser Plumb Bob Battery (type: AAA)	20	片	
, , , , , , , , , , , , , , , , , , , ,	1 -	. —	1

2023 Student Steel Bridge Competition Virginias Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations						
Construction	Lateral Loading	Vertical Loading	Weighing			
1	1	1	1			

Equipment Overview	
~4000 lbs.	
~ 2 pallets of angles	
2-3 material pallets	

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	103		
Jack Stand	8		
Steel Grating - No Tabs	1		
Steel Grating - With Tabs	2		
Steel Bearing Plate (24"x 24")	4		
Lateral Load Stand	1		
Lanyard (Lateral Load Stand Accessory)	1		
Caribiner (Lateral Load Stand Accessory)	1		
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2		
Wood Box for Member Check	1		
Level (4')	1		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	8		
Tape Measure (25')	4		
Flashlight	1		
Stopwatch	2		
Laser Plumb-bob	3		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	1		
1" Radius Sway Target	8		
3/4" Radius Sway Target	8		
Magnet	1		
C-Clamp	2		
If any of the inventory items listed below are damag	ed or	mis	sing, the host must provide a replacement before the competition.
AISC will not provide replacements.			
Instruction Guide for Vertical Deflection Device	1		
Plywood template for stringer passageway and deck support	1		
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	1		
Wood piece (4x4 x 3'-0") to increase height of jack stands	8		
Plywood piece to protect tops of scales (1" x 11" x 11")	4		
Wood Piece (2x4 x 3'-6")	1		
Wood Block (2x4 x 6")	3		
String Line (25')	1		
Masking Tape Roll	3		
Flashlight Battery (type: AA)	2		
Stopwatch Battery (type: LR44)	2		
Scale Battery (type: 9V)	4		
Caliper Battery for Vertical Deflection Device (type: 357)	2		
Laser Plumb Bob Battery (type: AAA)	12		

2023 Student Steel Bridge Competition Western Great Lakes Inventory Checklist

Please use this sheet to complete your equipment inventory.

Number of Stations						
Construction	Lateral Loading	Vertical Loading	Weighing			
2	1	2	1			

Equipment Overview	
~6200 lbs. ~ 4 pallets of angles 2-3 material pallets	

Inventory Item	# To	otal	Notes
Loading Angle (L4x3x1/2, 27" long, 25 lb each, painted gray)	203		110.53
Jack Stand	16	H	
Steel Grating - No Tabs	1	Ħ	
Steel Grating - With Tabs	4	Ħ	
Steel Bearing Plate (24"x 24")	8	Ħ	
Lateral Load Stand	1	Ħ	
Lanyard (Lateral Load Stand Accessory)	1	ī	
Caribiner (Lateral Load Stand Accessory)	1	$\overline{\Box}$	
Dog Collar (Lateral Load Stand Accessory)	1		
Eye Bolt with Square Plate (Lateral Load Stand Accessory)	1		
Slotted 25 lb. Loading Plate	2	$\overline{\Box}$	
Wood Box for Member Check	2		
Level (4')	2		
Vertical Deflection Measurement Device	6		
Scale	5		
Clipboard	14		
Tape Measure (25')	7		
Flashlight	2		
Stopwatch	4		
Laser Plumb-bob	5		
Steel Bars - (1) 1/8" x 1" x 3" and (1) 1/4" x 1" x 3"	2		
1" Radius Sway Target	12		
3/4" Radius Sway Target	12		
Magnet	2		
C-Clamp	4		
If any of the inventory items listed below are damaged AISC will not provide replacements. Instruction Guide for Vertical Deflection Device	ged or	mis	sing, the host must provide a replacement before the competition.
Plywood template for stringer passageway and deck support	2	片	
Plywood template for ground clearance (1/2" x 4" x 7-1/2")	2	片	
Wood piece (4x4 x 3'-0") to increase height of jack stands	16	片	
Plywood piece to protect tops of scales (1" x 11" x 11")	4	H	
Wood Piece (2x4 x 3'-6")	2	片	
Wood Block (2x4 x 6")	6	片	
String Line (25')	2	片	
Masking Tape Roll	5	片	
Flashlight Battery (type: AA)	4	片	
Stopwatch Battery (type: LR44)	4	片	
Scale Battery (type: 9V)	4	十	
Caliper Battery (type: 74) Caliper Battery for Vertical Deflection Device (type: 357)	4	금	
Laser Plumb Bob Battery (type: AAA)	20	片	
		<u> </u>	