

SINCE 1974

CANADA  SCAFFOLD

SAFETY INTEGRITY VALUE



CS1 LIGHT DUTY SCAFFOLD

SAFE WORKING PROCEDURES

JANUARY 2015

INSPECTION & MAINTENANCE

DAILY INSPECTION

Prior to everyday use, a CS1 Scaffold must be thoroughly inspected by a COMPETENT PERSON. A CS1 Inspection Check List should be filled out daily by a COMPETENT PERSON. All parts and components must fit together properly, function accordingly and are void of any damages or defects. Do not attempt to use this Scaffold if any part is missing, ill-fitting or damaged. A user should not attempt to handle a CS1 Scaffold without the unit being first inspected by a competent person.

JOB SITE INSPECTION

Users of the CS1 Scaffold must complete a Field Hazard Assessment for their job site. Debris left in and around your work area can create the risk for injury. All loose materials must be removed. In particular, any construction wastes. Clean up any construction debris in your work area after your Daily Inspection is completed. Floors need to be free and clear of all loose debris. Any hole or opening in a floor needs to be covered and clearly marked. Only use a CS1 unit on a flat surface such as concrete or wood floor.

WHILE IN USE

Keep the CS1 Platform clear of tripping hazards. Do not allow construction materials or debris such as drywall, paint or mud to pile up on the Platform. Never leave your Unit unattended. If you leave, always re-inspect the Scaffold once you return.

AFTER USE

All CS1 parts and components must be thoroughly inspected by a competent person when they are returned from a job site. The inspection criteria must include, identifying any damaged, deteriorating or missing parts. If any component is determined to be broken, non-functioning or missing, it must be discarded and replaced with only matching Canada Scaffold manufactured CS1 components.

PLYWOOD PLATFORM MAINTENANCE

CS1 platform components must be inspected daily for loose or missing edge banding. Any Platform that has holes, worn areas or appear to have warped plywood must be removed from service immediately. Discard any damaged CS1 Platform and replace the unit with a new manufactured CS1 Platform. Any CS1 Platform that has been exposed to fire should be discarded immediately. Acidic and other corrosive products should never be used on a CS1 Plywood Platform.

CS1 FRAMES AND END GUARDRAILS

Frames and Guardrails must be inspected daily. If a CS1 Frame is found to have a broken rung, or even a bent, twisted or cracked appearance, it should be discarded. The same applies to a Guardrail. If a components such as a chain or Stacking pins are missing from a Frame, DO NOT USE. Always make sure your CS1 components are in good working condition.

TRUSSES AND GUARDRAIL SIDES

Trusses and Guardrails are to be inspected daily. Note any bends, twists or cracks on the components. If a Truss or Guardrail appears to be damaged, DO NOT USE. Check to make sure all locking pins are straight and are in good working order. If a Locking Pin is bent or damaged, DO NOT USE. Lubricate the locks after returning from a job site.

CASTERS

The CS1 Castors must be inspected prior to everyday use. Check for damaged wheels, missing components and make sure the wheels spin freely. Axles should be lubricated whenever a unit is returned from a job site. Any damaged castor must be discarded.

WARNING: READ PRIOR TO USING CS1

THE CS1 SCAFFOLD MEETS ALL RELEVANT SECTIONS OF THE CSA S269.2 "ACCESS SCAFFOLDING FOR CONSTRUCTION PURPOSES" AND APPLICABLE WORKSAFE BC REGULATIONS. THE END USER MUST ENSURE THAT ALL LOCAL REGULATIONS ARE OBSERVED AT ALL TIMES.



WARNING: CS1 COMPONENTS ARE MADE OF HIGHLY CONDUCTIVE MATERIAL. DO NOT USE THIS CS1 UNIT NEAR POWER LINES OR OTHER ELECTRICAL EQUIPMENT. ALWAYS MAINTAIN A MINIMUM SAFE WORKING DISTANCE FROM ALL ELECTRICAL HAZARDS.

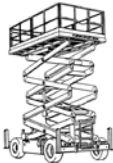


NEVER attempt to use a step ladder to access CS1 Scaffold Unit. FOLLOW CSS INSTRUCTIONS FOR SAFE ACCESS & EGRESS.



NEVER add a ladder, chair or box on a CS1 to gain additional height instructions.

NEVER stand on CS1 Guardrails to gain additional height.



NEVER place a CS1 on a scissor lift or other aerial equipment to gain additional height.



NEVER build a CS1 higher than 6' 6" or 2.01 meters off the ground. **ALWAYS APPLY CS1 GUARDRAILS WHEN WORKING HIGHER THAN 4'**

NEVER combine or mix Canada Scaffold CS1 components such as CS1 Frames, Trusses, Plywood Platforms, Guardrail Frames, Side Guardrails or Castors **with components from other manufacturers.** Use only Canada Scaffold manufactured CS1 products to replace damaged or worn CS1 components.

REMEMBER TO LOCK all Castors prior to accessing a CS1 Unit.



NEVER use a CS1 Scaffold if you are taking prescription medication.



NEVER use a CS1 Unit if it has been exposed to a fire or corrosive chemicals.



The Channels on the CS1 Trusses should always be inspected prior to use. Any debris found inside the channels must be removed prior to placing the Plywood Work Platform onto the Trusses. Keep these channels clean at all times. Once the Platform is placed in the channels, inspect to make sure the platform is seated properly. The steel edging which surrounds the Plywood Platform should not be visible above the vertical lip of the Truss channel.

Always lock the Castors prior to using a CS1 Unit.

WARNING

The manufacturer of the CS1 Utility Scaffold Unit, (Canada Scaffold Supply Company Ltd.) recommends that no CS1 Unit to be utilized to reach heights greater than 6' 6". Guardrails are also mandatory over four feet. **ALWAYS CHECK WITH LOCAL HEALTH & SAFETY REGULATIONS FOR MORE INFORMATION.**

Canada Scaffold Supply Company Ltd. recommends that no person attempt to move a CS1 Unit while standing on the working platform. Do not attempt to move yourself along while standing on the CS1 to move from one location to another. (Refer to Occupational Health and Safety section 13.24)

DANGER



NEVER attempt to use a CS1 while under the influence of drugs or alcohol. Medications, illegal drugs or alcohol will impair your ability to work safely on this product.

ASSEMBLY OF A CS1 SCAFFOLD UNIT



STEP 1

Invert a CS1 Frame. Insert a Castor into the Ladder leg bushing. Press down firmly onto the Castor until it is firmly seated into the Frame leg bushing. Repeat this step with the second Castor. Complete this procedure again with another Frame.



STEP 2

Turn the CS1 Frame over so that it is now sitting on the Castors. Holding the Frame with one hand, attach the u- shaped channel on one of the CS1 Trusses to the Frame. Align the Locking Pin with the predetermined hole on the CS1 Frame. Once aligned, pull back on the Locking Pin to guide the Truss into place. Release the Locking Pin to secure the Truss into place on the Frame. The top of the Truss to the bottom of the Castors should be no higher than 4 feet.



STEP 3

Hold the second CS1Frame with one hand. Repeat step 2 and attach the opposite end of the Truss to the second Ladder Frame.



STEP 4

Attach a second Truss to the partially assembled CS1. Make sure the Trusses are installed at the same height and are parallel to the floor. The spring loaded Locking Pins when properly positioned in the CS1 Frame holes will secure the trusses in place.

ASSEMBLY OF A CS1 SCAFFOLD UNIT



STEP 5

Continue the assembly of the CS1 by laying the plywood Work Platform onto the ledge of the inside Truss channel. Always make sure the Truss channels are free of debris.



STEP 6

Gently lower the work Platform down onto the other Truss channel. The plywood Platform should sit flush with the vertical lip of the Truss channel. At this stage, the Work Platform should not be higher than 4 feet.



STEP 7

Prior to accessing the CS1, recheck all 4 Locking Pins on the trusses. Ensure that all the locks are firmly in place.



STEP 8

Once the Locking Pins on the CS1 trusses are checked, ensure all CS1 castors are locked firmly into place.

ACCESS AND EGRESS

STEP 9: OUTRIGGERS AND CASTORS ASSEMBLY FOR ASCENDING THE CS1



Insert a CS1Castor into each CS1 Climbing Outrigger. Press the Castor firmly into the Outrigger bushing. Always use the same size CS1Castors. Do not mix different sizes of Castors on your CS1.



Attach one left Outrigger complete with Castor and one right Outrigger complete with Castor to the CS1 Frame. Lock left and right Outriggers onto the CS1 Frame with the Locking Pins. Once both Climbing Outriggers are in place, ensure the Castors are leveled and are touching the ground.



Remember to lock all Castors prior to ascending the CS1. Failure to do so may result in serious injury to the user. Once all Castors are locked into place, the user can access the CS1 by climbing the CS1 Ladder Frame which has the Climbing Outriggers attached to both left and right sides.



WARNING!

CS1 USERS MUST INSTALL CLIMBING OUTRIGGERS PRIOR TO ACCESSING CS1 WORK PLATFORM. FOLLOW STEP 9 BEFORE ATTEMPTING TO CLIMB YOUR CS1 UNIT.



STEP 10

Once the CS1 Climbing Outriggers are installed and locked; install an End Guardrail on top of the right side of the CS1 frame.



STEP 11

Install a Swing Gate on top of the left side of the CS1 Frame. The next step will be to add CS1 Guardrails.

STEP 12 - GUARDRAILS



If your working height on a CS1 Unit is greater than 4 feet, Guardrails must be utilized. Users must check with Federal, local and private company directives for variances which may be more or less restrictive.



Once the End Guardrail and Swing Gate units are in place, you must then install (2) side Guardrails to the CS1 Unit. Install the Guardrail the same way a Truss is installed. Place the Channel of the Guardrail on the side of the End Guardrail. Align the Locking Pin with the desired hole and then release into place. The Guardrail should be locked into place. Repeat this step for the second Guardrail.

STEP 12

Add Guardrails to both sides of the CS1 Frame. Ensure locking pins are secured in place.



12A) Install front Guardrail first.



12B) Install back Guardrail second.

HOW TO PROPERLY ASCEND A CS1 SCAFFOLD UNIT



- ALWAYS MAINTAIN 3-POINT CONTACT WHEN CLIMBING A CS1 LADDER FRAME.
- CLIMBING A CS1 SCAFFOLD TO REACH A WORKING LEVEL IS EXTREMELY DANGEROUS.
- TO ASCEND AND DESCEND FROM CS1 UNIT, USE EXTREME CAUTION. ALWAYS ENSURE YOUR OUTRIGGERS ARE INSTALLED PROPERLY PRIOR TO CLIMBING A CS1 FRAME (see STEP 9).
- PRIOR TO ACCESSING YOUR WORK LEVEL, INSTALL CS1 GUARDRAILS, END STOPS AND OUTRIGGERS WHEN WORKING OVER THE HEIGHT OF 4 FEET.
- FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY AND EVEN DEATH.



1. Undo chain to access platform.



2. Always maintain 3-point contact when climbing CS1 ladder frame. NOTE: Outriggers must be in place prior to climbing.



3. Lift Swing Gate upwards and push inwards to access platform.



4. Slowly close Swing Gate behind you and secure it into place.



5. Secure mid rail chain.

READ ALL THE WARNINGS PRIOR TO USE

PRIOR TO USING ANY CS1 UNIT, LOCK ALL CASTORS FIRMLY IN PLACE. FOR ADDED STABILITY, INSTALL 2 OUTSIDE OUTRIGGERS COMPLETE WITH CASTORS TO THE BASE OF THE CS1 UNIT (SEE BOTTOM PHOTOS).

NOTE: THE TWO OUTSIDE OUTRIGGERS ARE NOT PLACED ON THE FRAME WHICH YOU ASCEND AND DESCEND.



- * DO NOT ATTEMPT TO CLIMB A STEP LADDER TO ACCESS A CS1 SCAFFOLD UNIT.
- * DO NOT ATTEMPT TO BUILD A CS1 SCAFFOLD UNIT HIGHER THEN 6'6".
- * ALWAYS MAINTAIN 3 POINT CONTACT WHEN CLIMBING A CS1 LADDER FRAME.
- * ALWAYS INSTALL YOUR TWO CLIMBING OUTRIGGERS PRIOR TO CLIMBING A CS1 FRAME.
- * NEVER ATTEMPT TO GAIN ADDITIONAL HEIGHT BY CLIMBING THE GUARDRAIL ON THE CS1.
- * DO NOT EXCEED THE 250 POUND WEIGHT RESTRICTION.



ONLY ACCESS A CS1 PLATFORM USING A LADDER FRAME COMPLETE WITH TWO OUTRIGGERS TO ASCEND AND DESCEND A CS1 UNIT.

ALWAYS INSTALL OUTRIGGERS, STOP ENDS AND GUARDRAILS WHEN WORKING OVER 4 FEET OFF THE GROUND. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR EVEN DEATH.

REMEMBER, ONLY **COMPETENT PERSONS** SHOULD USE A CANADA SCAFFOLD UTILITY SCAFFOLD CS1.

ALL WORKERS HAVE THE RIGHT TO REFUSE UNSAFE WORK. IF YOU FEEL UNSAFE OR UNCOMFORTABLE USING THIS PRODUCT, **DO NOT ATTEMPT TO ASSEMBLE OR ACCESS THIS SCAFFOLD.**

REJECTION CRITERIA FOR DAMAGED CS1 UTILITY SCAFFOLD COMPONENTS

NOTE: Images shown represent quality, non-damaged parts.



CASTORS

ALL FOUR CS1 CASTORS MUST BE IN GOOD WORKING ORDER. IF A CASTOR IS CRACKED, BENT, DAMAGED BY HEAT OR UNABLE TO TURN FREELY, DO NOT USE AND REPLACE WITH A NEW UNDAMAGED CS1 CASTOR.



LEFT & RIGHT STABILITY OUTRIGGERS

WHEN INSTALLING YOUR CS1 OUTRIGGERS FOR EXTRA STABILITY, BE AWARE OF ANY STRUCTURAL DAMAGE TO THE OUTRIGGERS. IF ONE OR MORE OUTRIGGERS IS BENT, TWISTED OR HAS A DEFECTIVE CHANNEL, TAKE THE DAMAGED OUTRIGGER OUT OF SERVICE IMMEDIATELY. THE LOCKING PINS ON THE OUTRIGGERS MUST ALSO BE FREE OF DEFECTS. IF A LOCK IS MISSING A SPRING OR HANDLE, DO NOT USE AND REPLACE WITH A NEW CS1 OUTRIGGER.



CS1 FRAMES

A CS1 FRAME THAT IS MISSING RUNGS, SHOWS SIGNS OF METAL FATIGUE, APPEARS BENT, TWISTED OR WARPED, MUST NOT BE USED. REPLACE WITH A NEW CS1 FRAME. THE TOP PINS ON CS1 FRAME MUST BE STRAIGHT. THEY MUST ALSO BE FREE OF TWISTS, BENDS OR CRACKS. IF EITHER OF THESE PINS IS DAMAGED OR MISSING, YOU WILL BE UNABLE TO ADD AN END FRAME ASSEMBLY SAFELY TO YOUR CS1 UNIT. DO NOT USE A CS1 FRAME IF THE PINS ARE MISSING OR DAMAGED.



CS1 TRUSS

A CS1 TRUSS MUST BE FREE OF DAMAGE OR DEFECTS BEFORE USING. IF A TRUSS' CHANNEL SHOWS SIGNS OF BENDING, TWISTING OR CRACKING, DO NOT USE THE TRUSS. IF THE LOCKING MECHANISM ON THE TRUSS APPEARS TO BE DAMAGED, IS MISSING COMPONENTS OR WILL NOT PROPERLY LOCK THE TRUSS INTO PLACE ON CS1 FRAME, DO NOT USE. REPLACE THE DAMAGED TRUSS WITH A NEW CS1 TRUSS.

REJECTION CRITERIA FOR DAMAGED CS1 UTILITY SCAFFOLD COMPONENTS

NOTE: Images shown represent quality, non-damaged parts.



3/4" PLYWOOD DECK

3/4" PLYWOOD HAS BEEN SPECIFICALLY ENGINEERED TO BE INSTALLED ON ALL MANUFACTURED CS1 DECKS. IF THE 3/4" PLYWOOD ATTACHED TO THE DECK APPEARS TO BE UNEVEN, WRAPPED, CRACKED OR IS MISSING SCREWS, DO NOT USE THE DECK. ALSO, IF THE STEEL ANGLE SURROUNDING THE 3/4" PLYWOOD IS BENT, TWISTED OR BROKEN, DO NOT USE THE CS1 DECK. REPLACE A DAMAGED OR WORN DECK WITH A NEW CS1 DECK.



GUARDRAILS

A CS1 GUARDRAIL COMPONENT THAT IS DAMAGED CANNOT BE USED. TOP AND BOTTOM RAILS SHOULD BE STRAIGHT. IF A GUARD RAIL IS BENT OR BROKEN, DO NOT USE. IF THE LOCKING MECHANISM ON THE GUARD RAIL APPEARS DAMAGED, HAS MISSING COMPONENTS OR WILL NOT PROPERLY LOCK INTO PLACE ONTO A CS1 FRAME, DO NOT USE. REPLACE THE DAMAGED GUARDRAIL WITH A NEW CS1 GUARDRAIL.



GUARDRAIL ENDS

CS1 GUARDRAIL ENDS SHOULD NEVER BE USED IF THEY SHOW SIGNS OR DAMAGE OR SEVERE WEAR. IF A GUARDRAIL END COMPONENT IS BENT, TWISTED, CRACKED OR MISSING ITS CHAIN, DO NOT USE. REPLACE WITH A NEW CS1 GUARDRAIL END.



SWING GATE

THE CS1 SWING GATE SHOULD ALWAYS HAVE A MID CHAIN ATTACHED TO IT. THE SWING GATE SHOULD OPEN AND CLOSE SMOOTHLY AT ALL TIMES. IF THE SWING GATE COMPONENTS APPEAR TO BE DAMAGED, DO NOT USE.

REJECTION CRITERIA FOR DAMAGED CS1 UTILITY SCAFFOLD COMPONENTS

NOTE: Images shown represent quality, non-damaged parts.



LEFT & RIGHT CLIMBING OUTRIGGERS

BE AWARE OF ANY STRUCTURAL DAMAGE TO THE LEFT AND RIGHT CLIMBING OUTRIGGERS. IF ONE OR MORE CLIMBING OUTRIGGERS IS BENT, TWISTED OR HAS A DEFECTIVE CHANNEL, TAKE THE DAMAGED OUTRIGGER OUT OF SERVICE IMMEDIATELY. THE LOCKING PINS ON THE CLIMBING OUTRIGGERS MUST ALSO BE FREE OF DEFECTS. IF A LOCK IS MISSING A SPRING OR HANDLE, DO NOT USE.

CONTACT US

Canada Scaffold Supply Co. LTD.

11331 Twigg Place,
Richmond, BC V6V 3C9

TEL: 604.324.7691 1.800.293.0133

FAX: 604.324.0862 1.800.333.1012

E-MAIL: info@canadascaffold.com

WWW.CANADASCAFFOLD.COM

SINCE 1974

CANADA  **SCAFFOLD**

SAFETY INTEGRITY VALUE