



4101 Garland Dr, Fort Worth, Texas  
Phone: 817-485-6073

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SAFETY WORK PLATFORM



GLAZIERS PLATFORM



INDUSTRIAL PLATFORM

## OPERATORS MANUAL AND SAFETY INSTRUCTIONS FOR STAR SAFETY WORK PLATFORMS

### INCLUDES MODELS

**1204, 1206, 1208, 1210, 1212, & 1216 (Slip-On-Forks) SAFETY WORK PLATFORMS**

**1204QT, 1206QT, 1208QT, & 1210QT QUICK-TACH SAFETY WORK PLATFORMS**

**1208GLZ GLAZIER'S SAFETY WORK PLATFORM**

**1203 & 1234 INDUSTRIAL WORK PLATFORMS**

### **Platform Descriptions:**

Star Safety Work Platforms and Quick-Tach Safety Work Platforms feature a personnel deck with a full perimeter guard rail system. They are designed to elevate personnel and small tools using a rough terrain straight-mast or extendable-reach forklifts.

The model 1208GLZR Glaziers Safety work Platform features a personnel deck with a full perimeter guard rail system and a separate material deck with adjustable vertical material supports. It is designed to elevate personnel and small tools on the personnel deck and carry glass, wall board, doors, windows or similar materials on the material deck. The Glazier's Platform is designed for use rough terrain straight mast or extendible reach forklifts.

Industrial Work Platforms are designed for maintenance, inventory, and similar work using a straight mast industrial lift truck. These platforms feature a 2 piece integral mast protection screen which is required with straight mast lift trucks. They also have a perimeter guardrail rail system. The front mid rail lifts for entrance into the platform.

Star Safety Work Platforms have been tested and exceed structural requirements that allow us to rate the platforms at 1000 lbs. load capacity on the personnel deck except in the case of the Glaziers platform 600 lbs on the personnel deck and 600 lbs on the material deck



## **SAFETY STANDARDS AND REQUIREMENTS FOR STAR SAFETY WORK PLATFORMS**

All styles of Star Safety Work Platforms are designed and built in accordance with and comply with the requirements of ANSI/ITSDF B56.1 2005 Safety Standard for Low Lift and High Lift Trucks and ANSI/ITSDF B56.6 2005 Safety Standard For Rough Terrain Forklift Trucks. They also meet or exceed the requirements of O.S.H.A., M.I.O.S.H.A. (state of Michigan), and C.A.L.O.S.H.A. (state of California). Canadian Safety standards vary somewhat by province but generally parallel OSHA allowing Star platforms to conform to their standards as well.

Please note that M.I.O.S.H.A. requires personnel to wear a body harness and lanyard to limit free fall to a maximum of 6 feet. Star Safety Platforms have anchor plates for lanyards built into the guardrails for this purpose. O.S.H.A. and C.A.L.O.S.H.A. do not require body harness and lanyards when full perimeter guardrails are used. Star Safety Work Platforms must not be used without guardrails. Star recommends use of personnel lanyards even if not required.

In regards to platform length, ANSI/ITSDF B56.6 2005 and M.I.O.S.H.A. have requirements limiting platform length to 10" past the load bearing tires on each side. This means a rough terrain forklift that is 8'4" or wider can use up to a 10-ft. long platform and still conform to these regulations. Outriggers are not addressed in relation to platform length and whether or not the 10" rule would apply to the width across the outriggers is not addressed. It should be noted that the O.S.H.A. manual references an older ANSI standard, B6.1 1969. This standard does not restrict platform length; nevertheless in most areas of the country OSHA is enforcing the current ANSI/ITSDF B56.6 2005 standard which has the 10" rule. It is Star Industries' recommendation to conform to this standard and observe the 10" rule. C.A.L.O.S.H.A. does not address the length of the platform.

A question that arises frequently is whether or not controls are required in the platform. Controls are not required in the platform on rough terrain forklifts and this is substantiated by an OSHA interpretation that specifically addresses this question.

The information provided herein is complete and correct to the best of our knowledge at the time of writing. It is recommended however that this be used only as a guide and that each user do their own investigation of applicable safety standards. Contact should be made with the respective forklift manufacturer for brand and/or model specific requirements or limitations applicable to the use of platforms to elevate personnel.



## SAFETY RECOMMENDATIONS for STAR Safety Work Platforms

### Prior to Use:

- 1) **Make sure forklift operator has been properly trained**, is knowledgeable of forklift model being used, is aware of all relevant safety regulations, and is properly certified.
- 2) **Install complete guardrail system.** Do Not Use Platform without full perimeter guardrails installed and secured with bolts and locking nuts through bottom of guardrail posts.
- 3) **Install optional mast protection screen** if moving parts of forklift represent a hazard to personnel on platform. Typically, screens are required on forklifts with an elevating mast. (Note: Mast Protection screen is built-in on Industrial Platform Models)
- 4) **Inspect complete platform and guardrail assembly** for rust, damage, broken welds, or missing parts. Check that safety decals are installed and legible. If any abnormality is found, discontinue use and contact a Star dealer for a safety inspection. Do not make any modifications to the platform without manufacturer's written approval.
- 5) **Be certain that forklift is in good operating condition** and that the lifting mechanism is operating smoothly throughout its entire lift /reach range both loaded and unloaded.
- 6) **Secure platform to forklift.**

'Slip-on-Forks Style' – install the two steel pins in the fork channel tabs and secure with hairpins behind heel of forks, also secure shaft mounted forks to carriage to prevent forks from tipping up. If carriage is equipped with a rotator, deactivate the rotation.

"Quick-Tach Style" – Attach to end of boom after carriage forks are removed. Use only with compatible quick-tach. Make sure all locking pins are installed and engaged.
- 7) **Establish a method of communication** between the forklift operator and personnel to be elevated. Review tasks to be performed and procedures to be followed. Mark area to warn of "work by elevated personnel."
- 8) **Position forklift in desired location making sure the forklift is on firm footing.** Avoid operating on a side slope. Be certain the mast or boom is vertical and platform is level before loading personnel – do not operate frame tilt or mast tilt with personnel on platform. Check that the path of platform and boom travel is clear of all hazards such as electrical wires or other obstructions. Make certain forklift, forklift boom, and platform can maintain recommended safe distances from all power lines and electrical components. Do not use if overhead conditions constitute a hazard.



**SAFETY RECOMMENDATIONS**  
*for*  
**STAR Safety Work Platforms**

**During Use:**

- 1) **Entrance gates must be secured** before personnel are elevated. Personnel must not climb on or use guardrails as a ladder. Do not use ladders or any other device on the platform to gain additional height.
- 2) **Alert elevated personnel before moving the platform.** Lift and lower personnel smoothly and with caution. Keep platform level at all times.
- 3) **Platform must not be used to transport personnel across a jobsite.** Forklift should be moved as close as possible to work area before allowing personnel on platform, then moved only as necessary for final positioning. Before elevating personnel, place transmission in neutral and set parking brake. Always lower platform to ground and allow personnel to exit before repositioning.
- 4) **Forklift operator must remain at controls** and stay alert when personnel are on platform.
- 5) **Do not overload the platform or the forklift.** The combined weight of the platform and the load (material and personnel - maximum 1000 lbs.), shall not exceed one-third of the capacity of the forklift at the related load center position as indicated on the forklift information plate(s).
- 6) **When equipped always extend outriggers** for increased stability.
- 7) **If required, use only OSHA compliant safety harness and personnel lanyards.** Do not attach more than one lanyard to a single lanyard anchor point.
- 8) **Always follow safety recommendation and procedures of forklift manufacturer** as well as complying with all local, state, and federal regulations.

These recommendations are intended as a guide only. Each company should do their own investigation of applicable safety requirements.



## Inspection of Star Safety Work Platforms Between Uses

- 1) Inspect top, sides, and bottom of steel structure for damage or broken welds. If any abnormality is found, discontinue use until it can be determined if structural integrity has been compromised.
- 2) Inspect steel structure and guardrails for rust. Discontinue use if structural integrity has been compromised, otherwise remove any surface rust and repaint to protect steel.
- 3) Inspect guardrails for damage and replace if there is any question about loss of strength. Inspect personal lanyard attachment points. Discontinue if any damage to the attachment points is found until repair or replacement can be made. Lanyard attachment points are found only on Star Safety Work Platforms manufactured after January 2000.

Also inspect gate hinge and latch mechanism for damage or missing parts. Repair as needed before returning to service. Replace any missing bolts and nuts that secure the guardrails to the platform. These bolts are found in the bottom of the guardrail post just below the post pocket. **Caution**, the platform must not be used without the full guardrail system installed and secured with bolts.

- 4) Inspect fork pockets and attachments pins. Replace any missing or bent pins and make sure there are hairpins there to secure the locking pins.
- 5) Inspect the plywood deck for damage or deterioration. Replace deck if not structurally sound or if any damage could create a tripping hazard. Inspect deck for skid-resistance. If needed re-apply a non-skid coating or replace with new non-skid coated deck.
- 6) Check to ensure the below listed decals are in place and legible
  - a) Load Capacity decal
  - b) Operator Must Remain In Lift Truck decal
  - c) Guardrails Must Be In Place And Gates Secured decal
  - d) Empty Weight decal (varies with platform model)
  - e) OSHA decal
  - f) Safety Procedures for Safety Work Platforms (requires mounting plate on gates)

## Mast Protection Screen Installation On Star Safety Work Platforms

1. Center screen in a vertical position on the outside of back guard rails. The bottom of the screen should rest on the extended fork pockets.
2. Secure with u-bolts to top rail and mid rail. Insert u-bolts from inside of platform around guardrail and square tubing (one leg of u-bolt through screen) on perimeter of screen. Secure with u-bolt plate and nuts. Each screen requires 4 u-bolts, one on each side at top rail and mid rail.
3. Make sure screen is properly secured before use.