



Patriot Arc Safety Manual

1. Introduction

- **Our Promise to You:** At Patriot Arc, keeping everyone safe is our top priority. We're committed to a work environment where each person can go home safely at the end of the day. Safety isn't just about rules—it's about taking care of each other.
- **Why This Manual Matters:** This manual is here to guide us through the best ways to stay safe, covering situations we face on job sites every day. It applies to everyone on our team, from new hires to veterans, and anyone else who steps onto our work sites.

2. Who's Responsible for Safety?

- **Management:** Our leaders are here to set the tone for safety, making sure you have the resources, training, and support needed to work safely.
- **Supervisors and Safety Officers:** They're our on-the-ground safety champions, conducting regular checks, leading safety talks, and watching out for any hazards.
- **Everyone on the Team:** Safety is a team effort. We're each responsible for following safety guidelines, speaking up about hazards, and using the right protective gear.

3. General Safety Guidelines

- **Gear Up:** Always wear the required personal protective equipment (PPE)—your hard hat, harness, gloves, steel-toed boots, and eye and ear protection keep you safe in high-risk environments.
- **Keep It Tidy:** A clean work area is a safe work area. Clear away any debris, tools, or materials to prevent accidents and keep the workspace organized.
- **Be Prepared:** Know the emergency routes and muster points on each job site, and familiarize yourself with the location of first aid kits.
- **Report Issues Right Away:** If you see a hazard or if something feels off, don't wait. Report it so we can address it and make sure everyone stays safe.

4. Steel Erection-Specific Safety Practices

- **Protecting Against Falls:** Working at heights is a big part of our job, so fall protection is essential. Always use the harnesses, guardrails, and safety nets provided, and make sure to anchor securely before starting.
- **Safe Lifting and Rigging:** When lifting and moving heavy steel components, inspect the rigging gear and communicate with your team to keep everyone out of harm's way.
- **Ladders and Scaffolding:** Use the right ladder or scaffold, check it before each use, and always follow weight restrictions.



- **Operating Heavy Equipment:** Only trained team members should handle cranes, forklifts, or aerial lifts. Pre-shift checks and load balancing are key for safe operations.
- **Structure Stability:** Our work builds foundations, but it also means working with partially completed structures. Follow guidelines to secure everything you're working on, especially in rough weather.

5. Hazard Communication

- **Handling Hazardous Materials:** We sometimes work with gases, solvents, and paints. Learn how to handle, store, and dispose of them safely, and review the Material Safety Data Sheets (MSDS) whenever necessary.
- **Signs and Signals:** Pay attention to warning signs, labels, and flags, especially around high-risk areas and where hazardous materials are stored or used.

6. Health and Wellness

- **Hearing Protection:** Loud machinery and welding are part of our job—use ear protection to prevent hearing damage.
- **Respiratory Safety:** Protect your lungs when working around fumes, welding, or enclosed spaces by using a respirator.
- **Weather Precautions:** Working in extreme heat or cold? Dress appropriately, stay hydrated, and take breaks as needed to stay healthy and focused.
- **Lifting Smart:** Prevent strain injuries by lifting properly and using equipment when needed. Don't hesitate to ask for help with heavy or awkward items.

7. Training and Certification

- **Starting Strong:** Every new team member goes through an initial safety orientation to get up to speed on our site protocols and equipment.
- **Keeping Skills Sharp:** We believe in continuous learning, so there are regular safety refreshers and training sessions for everyone.
- **Special Skills Certification:** For jobs that require extra training, like crane operation or rigging, we ensure that only certified team members are on the job.

8. Inspections and Safety Audits

- **Daily and Weekly Checks:** Our supervisors conduct routine inspections to make sure everything is in top shape, from scaffolding to PPE compliance.
- **In-Depth Audits:** We do regular, detailed audits to keep our standards high, address any weak spots, and adapt to new safety practices.



9. Accountability

- **Upholding Our Standards:** Safety isn't optional. If someone isn't following safety rules, we'll address it fairly but firmly, with a goal to keep everyone safe.
- **Taking Action:** After any incident or inspection, we look at what happened, find ways to improve, and adjust our approach as needed.

10. Continuous Improvement

- **Open Communication:** We're always open to feedback—if you notice something that can be improved or have a suggestion, share it. Your input helps us all stay safer.
- **Learning from Experience:** When incidents happen, we treat them as learning opportunities. By understanding what went wrong, we can make sure it doesn't happen again.