



### *Special Points of Interest*

- **OSHA Approved Online Safety Training**
- **Ladder Safety**
- **Behavioral Safety: Making it Successful from the beginning.**
- **The Dangers of Aerial Lifts**
- **Forklift Safety: Lifting Personnel**
- **NEW On-Line Training now Available**
- **News and Events**

## **OSHA Approved Online Safety Training**

By: Kristi VanSoest, Safety Specialist



Once again, Safety Resources, Inc. is proud to offer additional, more resourceful opportunities and services to our clients. Online training may be just the answer to your demanding training needs. By exploring online training, companies are enabling themselves to spend more time learning and using safety and less time "just being present" the classroom. Online training, by no means, will ever replace the live interaction an instructor is able to have with their students; however, the benefits are endless in today's hustle and bustle of business.

A company can access online training one of two ways. First, you can go to [www.safetyresources.com](http://www.safetyresources.com) and have your employee's login to specific courses, ranging from a general Confined Space course to a 10/30 Hour OSHA Outreach course. Our website offers more than 300 courses, but we are in no way limited to these. We'll add whatever it takes to make training a simpler tool for you. Each course offers a certification of completion for each student for every course they pass.



Second, you, as a corporation, can set up your own "Virtual University" specifically covering safety topics pertinent to your business. Again, all students will receive a certificate of completion and the university allows the company administrator to organize training databases and renewals. This training is 100% custom to meet your needs, and has been viewed in very high regard from some of our favorite clients!



Online training is innovative and exciting, but more importantly, very simple to set up and use. Should you have any questions or would like more information; we'd be more than pleased to share this infinite number of opportunities with you. Contact us at your earliest convenience, and you'll be one step closer to compliance and the safe return home for your employees. And remember, if personal interaction is what's best for your company, we'd be more than happy to assist you in that direction as well.

**Safety Resources, Inc.**  
**4555 Northwestern Drive**  
**Zionsville, IN 46077**

**800-641-5990**  
**317-871-8155 – P**  
**317-871-8148 – F**

### NEW

### On-Line

### OSHA Training

### NOW AVAILABLE!

Click on the link to  
begin

[SRI On-Line Training](#)

## Ladder Safety

By: Matt McCreery, Safety Specialist

More than 300,000 people fall and injure themselves each year. On average, about 150,000 people visit the emergency-room due to ladder mishaps each year. To help prevent these types of accidents from happening you should follow these basic guidelines for ladder safety.

The first step to using any ladder safely is to carefully read the manufacturer's instructions. The manufacturer's instructions contain guidelines that can help the workers use ladders more safely and effectively and also contain important guidelines for weight and height limits.

### Tips to prevent ladder accidents:

- Always use a ladder that is long enough for the job at hand.
  - Size up your job and make sure you choose the right ladder for the job.
- Don't carry equipment while climbing a ladder.
  - Hoist or lift the equipment after you have climbed into place.
- Face the ladder when climbing up and down.
  - Keep your body centered between both side rails.
- While up on the ladder, don't overextend your reach.
  - Make sure you keep your weight evenly distributed.
- Never move a ladder while standing on it.
  - Always make sure people and equipment are off the ladder before moving it.
- Avoid electrical hazards with metal ladders.
  - If you're going to work on electrical equipment or in an area with electrical hazards, never use a metal ladder, use wood or fiberglass.
- Know your equipment.
  - Know how to evaluate the ladder for defects or damage.
- Make sure the job is within your reach.
  - Never reach too far or too high when on a ladder.
  - Avoid any shifts in your center of gravity.
- Work on stable surfaces.
  - Check any work surface before you set up your ladder.
- Secure work area from pedestrian traffic.
  - Put up barricades around the work area to prevent access to areas where there is a hazard to other people from falling objects or equipment.



## Behavioral Safety

By: John Orawiec, Safety Specialist

Many companies, for whom safety is a constant part of their business culture, believe that behavioral safety is just one more safety control that should be added to the already long list of safety tools already in use.

Thus, many companies believe engineering controls (designing equipment to be less hazardous) and administrative controls (ex. having employees rotate jobs, thus lessening exposure) are on an equal timeline with behavioral safety. However, behavioral safety is most effective – you see the best results – when the usual safety tools (engineering,



Check out our  
website  
[www.safetyresources.com](http://www.safetyresources.com)

**Need an  
OSHA 10 or 30 Hr.  
Course?**

**Call SRI  
800.641.5990**

**Safety Resources, Inc.  
4555 Northwestern Drive  
Zionsville, IN 46077**

**800-641-5990  
317-871-8155 – P  
317-871-8148 – F**

## Behavioral Safety, cont

By: John Orawiec, Safety Specialist

administrative, etc.) have been instituted and have been given time to produce results. Meaning, after all hazards have been engineered out or guarded against, all job hazard analysis have been performed and corrective procedures put into place, then is the time to look to behavioral safety to add the final touches to your corporate safety environment. This is not to say that behavioral safety cannot offer safety controls before the other methods have had time to work. However, many hazards are just better addressed by the other safety controls.

It is when all other safety controls/procedures are in place and incident rates have plateau or near misses are still prevalent that a behavioral safety program can add the final controls to make a company a world-class safety organization.

Therefore, to those who wish to use behavioral safety in their company/organization, I say wait until you are ready for behavioral safety. You will know when the time is right when all other safety control have been put into place and there are still injuries/near misses. Then is the time to call on the powerful paradigm of behavioral safety.



## The Dangers of Aerial Lifts

By: John Webb, Safety Specialist

In today's society more and more aerial manlifts are being used on construction sites replacing ladders and scaffolds. Although aerial manlifts are easier to use, take less time to set up, and are overall safer to use they can still be dangerous if proper precautions are not taken. The following will provide a few safety work practices when utilizing aerial manlifts.

### Inspections

Inspections are the most critical aspect of using an aerial manlift. A thorough inspection can help identify potential hazards before employees use the manlift. The following is an outline that a competent person can use to inspect the aerial manlift:

#### Daily Visual Inspection

- Check for missing, damaged, or unreadable safety signs.
- Check for broken, missing, damaged or loose parts.
- Check pivot pins for damaged or missing retaining devices.
- Check the tires for cuts, bulges, and pressure as specified by the manufacturer.
- Perform all maintenance procedures as outlined by the manufacturer of the machine.
- Check for cracked welds and other evidence of structural damage.
- Check hydraulic system for leaks and damage.

#### Daily Lift Control Inspection

- After starting, recheck all gauges and lights.
- Check all audible and/or visual alarms (if provided). Make sure everything is functioning correctly.
- Check all control functions, including emergency stop mechanism, from the upper control station and the lower control station (if provided). If the aerial platform does not respond correctly when each control is operated, do not use the machine until it is fixed.
- Move slowly until you are sure everything is operating properly.
- Recheck the steering and platform making sure it works properly.

***"Aerial manlifts can be a very helpful asset if used properly. Just remember that if you take a few proper precautions to ensure safety you can help prevent a lot of accidents from occurring."***

## The Dangers of Aerial Lifts

By: John Webb, Safety Specialist

### Monthly Documented Inspection

A competent person shall also inspect all lifts at 30-day intervals using a check sheet that shall be kept on file. If anything is found to be unsafe, operation of the unit will not be allowed until it is repaired.

### **Fall Protection**

Although most aerial manlifts are equipped with proper handrails, personal fall protection (i.e. full body harness, lanyard) is still a must. The employees may only tie off to approved tie off points to the lift. Approved tie-off points are not the top or midrails of the lift, they are tie-off points approved by the manufacturer of the lift. Employees must keep both feet firmly on the floor of the lift at all times. They are not permitted to stand or sit on the rails of the lift. If an employee must leave the lift while it is in use, then the employee must tie-off to point other than the point in the lift. For instance: An ironworker is working from a manlift 50 feet in the air. The Ironworker must leave the lift to get a more suitable position to perform the working duties. Before the ironworker can leave the lift he must tie-off to a point outside of the manlift that is capable of withstanding 5,000 pounds.



### **Other Safe Work Practices**

- Only trained authorized individuals can operate a man lift and all training shall be documented.
- Each scissor lift must have a clearly noted rating chart posted where the operator can see it. Do not exceed the rated maximum loadings listed.
- An effective two-way voice communication system can be provided between the operators and stationary people on the ground.
- When required a diaper and wheel covers must be used.
- Check the area in which the aerial platform is to be used for possible hazards.
- Ensure that the operation of the aerial platform is within the provisions outlined in the operator's manual.
- Ensure all personnel on the aerial platform comply with the provisions outlined in the operator's manual.
- Brakes shall be set to ensure that the lift does not move when the boom is elevated in a working position with an employee in it.
- Outriggers must be used when lift is extended.
- If outdoors remember to check for sewers and pipes if loads are very heavy.

Aerial manlifts can be a very helpful asset if used properly. Just remember that if you take a few proper precautions to ensure safety you can help prevent a lot of accidents from occurring.

## Forklift Safety, Lifting Personnel

By: Chris Hall, Safety Specialist

Every year nearly 100 workers are killed in forklift accidents. These incidents usually involve driving off a loading dock, tip-overs, struck-by, and dropping a load. One type of incident that does not receive as much focus as it should is the use of a forklift to lift personnel without a safety platform. This unsafe practice occurs all too often and can result in serious injury or death.

After conducting a forklift training class for a local company, an employee sent me an interesting picture. The picture shows another nearby business performing one of the most

Safety Resources, Inc.  
4555 Northwestern Drive  
Zionsville, IN 46077

800-641-5990  
317-871-8155 – P  
317-871-8148 – F





## Forklift Safety, Lifting Personnel

By: Chris Hall, Safety Specialist

unsafe actions that I have ever seen. This driver is using a forklift to elevate two employees on a pallet with a ladder, up to a flag pole. Once they are in place, they extend the ladder and lean it against the flagpole. One man holds the ladder while the other climbs up to perform the work. These men either were not given the proper training or were disregarding their company's safety policies. Regardless of the circumstances, this is an action that should never have taken place.



A few years ago, a New Jersey company was fined by OSHA for failing to provide adequate training for forklift operators after an employee fell in a large chemical mixing kettle and was seriously injured. The employee was standing on a pallet lifted by a forklift when he fell. The incident sparked an OSHA investigation which resulted in numerous alleged violations and fines of over \$100,000; the largest fine was for failure to properly train employees. Another citation was for not providing safety platforms with proper guard rails for lifting employees. Luckily, the employee was not killed as a result of this incident, but he very easily could have been.

The New Jersey incident and accompanying citations serve as an example of the necessity for comprehensive forklift training, including lifting personnel. It is not enough to cover the basics of how to operate the equipment, but also reviewing the safety rules of what NOT to do. Employers using forklifts to lift employees must provide either a safety platform or consider using an aerial lift to accomplish the work. Allowing employees to perform an unsafe and potentially fatal action is considered to be a serious violation.

Although safety standards have come a long way, the picture above serves as a reminder of why employees must be trained and refreshed on the importance of following the rules. One small misstep or sudden movement could easily cause both of these men to lose balance and fall to the ground. Preventing this type of unsafe work may seem like common sense to most of us, but it happens all too often.

## News and Events

### New Employee Announcement

In September 2006, John Orawiec became SRI newest employee. John is an Indiana University graduate with a Masters Degree in Safety Management. John brings a new dynamic to SRI with his background and knowledge in Behavioral Based Safety Programs.

## On-Line Training NOW AVAILABLE

Safety Resources, Inc. has provided another avenue for individuals to ensure OSHA training compliance.

SRI is now offering a wide variety of on-line courses. Including the OSHA 10 Hour Construction/General Industry Courses. The OSHA 30 courses will be available soon.



Visit our on-line training page to begin [Safety Resources, Inc. On-Line Training](#)

This newsletter via e-mail is sent to you as part of the free Safety Resources, Inc. service you have used recently. If you feel you have received this publication in error or wish to be removed simply hit reply and type remove in the subject line and you will be automatically removed. Our subscriber list is NOT made available to other companies, for any reason. We value each and every one of our subscribers and their privacy. Please Note: the Safety Bulletin is a complimentary quarterly newsletter updating you on the latest news, trends, and information. The contents of this newsletter do not necessarily reflect the opinions of Safety Resources, Inc. Safety Resources, Inc. makes no warranties, either expressed or implied, about the truth or accuracy of the content of the newsletter. Issues may be forwarded in their entirety via e-mail. If you would like to be added to the subscribers list, please email us at [information@safetyresources.com](mailto:information@safetyresources.com). If you have a topic related to occupational safety that you would like to see in the newsletter please email [information@safetyresources.com](mailto:information@safetyresources.com). Thanks for reading the "Safety Bulletin" and see you next month!

Check out our  
new website

[www.safetyresources.com](http://www.safetyresources.com)

For a printable version

visit our website

[www.safetyresources.com](http://www.safetyresources.com)

**Safety Resources, Inc.**  
4555 Northwestern Drive  
Zionsville, IN 46077

800-641-5990  
317-871-8155 – P  
317-871-8148 – F