

SAFETY BULLETIN

July – October 2005



Special Points of Interest

- **SRI Celebrates 10 Years**
- **Compressed Gas Cylinders**
- **Intelligent Chemical Handling**
- **Crane Operator Training**
- **NFPA 70E Standards**
- **News and Events**

Celebrating 10 Years

For SRI, 2005 marks a milestone of 10 years in business. While we enjoy bragging about our growth and success, we believe our real innovation is our commitment to building long lasting business relationships with our clients.

Our anniversary has also given us an excuse to reinvent our image. As you can see by our newsletter we have a new logo and fresh look. Our logo is a representation of a merging of two elements in a fluid motion just as the interaction of us and our clients.

This new image can now be seen on our website www.safetyresources.com.

To celebrate our 10 years in business and to thank the clients who helped us achieved this accomplishment, SRI hosted an Indianapolis 500 Bump Day celebration.

Throughout the next 10 years we hope to continue this commitment of safety and partnership with our clients by continuing to think strategically to accomplish their workplace safety and loss control needs.

Compressed Gas Cylinders

By: John Webb, Safety Specialist

Through many jobsite inspections this year I have seen compressed gases being used in many aspect of construction work. Their use is for powering equipment, soldering pipe, and most of all cutting material. As I look back through my inspections I have also noticed that I have cited violations of compressed gas cylinder more than anything else. This is an alarming concern, so I thought that it would be a good idea to go over a couple areas of concern that could be beneficial to us all.

The fist area of concern is the storage of compressed gas cylinders.

- All compressed gas cylinders must be stored in the upright position and secured to prevent them from falling over, even when they are empty.
- All compressed gas cylinders must be labeled with the correct D.O.T. labeling.
- Oxygen and Acetylene should be stored at least 20 feet apart, or be separated by a 5 foot fire wall.
- The valves should be in the off position at all times when not in use.



Safety Resources, Inc.
2216 W. 60th Street
Indianapolis, IN 46228

800-641-5990
317-202-2420 – P
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Compressed Gas Cylinders (cont.)

The second area of concern is safety when using compressed gases.

- Make sure that all employees are wearing the proper personal protective equipment. Proper PPE will help reduce any injuries that may occur.
- Remove all flammables and combustibles from the working area. Removing flammables and combustibles will decrease the risk of a fire breaking out. If flammables and combustibles cannot be removed, cover them with fire blankets.
- Always have a properly trained fire watch present. Having a trained fire watch present during working activities will greatly reduce the risk of any damage that could be caused by a fire. The fire watch should be trained in the proper use of fire extinguishers and they should be able to extinguish a fire when it is in the incipient stage. Fire watches should also understand that if the fire gets out of control they should not attempt to extinguish the fire using the fire extinguisher, they should use the extinguisher to get to safety.
- Only employees that know how to safely handle compressed gas cylinders should use compressed gas cylinders. The risk of an accident will greatly reduce if experienced employees are using the compressed gases.

I hope this assists in your company safety and on your safety inspections.

Intelligent Chemical Handling

By: Kristi Hurst, Safety Specialist

Every substance that we come in contact with is composed of chemicals including our food, the air we breathe, our clothing, and even medications. Everything is made up of chemicals. While some chemicals are not highly toxic or hazardous, others require special precautions to limit exposure that could be harmful. To handle chemicals safely, you must know and avoid their hazards to steer clear of chemical related illness or accidents. Some general guidelines to follow when handling chemicals are:



- Always review the MSDS before working with chemicals.
- Wear appropriate PPE by following the MSDS when handling chemicals.
- Never eat, drink, chew gum or apply cosmetics when working with chemicals.
- Ensure chemicals are properly labeled.
- Never mix a chemical with other chemicals.
- Inspect chemical containers for punctures, leaks, and expiration dates.
- Remove PPE and wash hands thoroughly after handling chemicals.
- Keep containers closed and properly stored.
- Avoid direct eye contact with chemicals.
- Never smell or taste a chemical.
- Take extra precautions when storing flammables/combustibles.

Always make sure employees are thoroughly trained on the safe handling and storage of chemical containers. Some employees may not be authorized to use certain chemicals per their training records. Employers must ensure that information contained on an MSDS must also be covered with the employee at initial hire, whenever a new chemical product is introduced, and annually thereafter. By keeping these simple guidelines in mind, you will dramatically reduce the risk of chemical injuries and/or illnesses.



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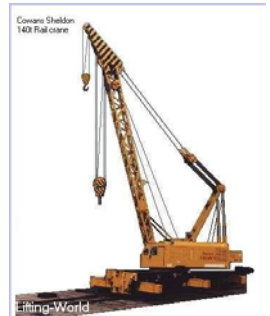
Crane Operator Training By: Marc Brewer, Safety Specialist

The obvious reason for training crane operators is to prevent death, injury and/or damage. Training allows operators to reduce the hazards that bad habits create. An operator who has years of experience has the knowledge to operate the crane but also has years of bad habits or shortcuts working against them as well. Because we are dealing with loads that are lifted into the air, the risk for serious injury or maybe worse, are very high. Every crane operator must be confident in his or her knowledge of accepted procedures and correct lifting practices.

A crane operator should have a thorough understanding of such areas as timely equipment inspections and recognition of hazards. This knowledge must include proper rigging of loads, awareness of all the component limitations and maintaining control of the load at all times. Crane operators should be trained to recognize hazardous situations, so that they can avoid them before they lead to a catastrophe. Training establishes a procedure that enables operators to stabilize the situation.

Proper training will prevent disaster and save lives but it will also increase the efficiency of workers operating hoists and cranes. This lowers the cost of production, making you more competitive. A quality safety course will reduce injuries, which in turn reduces worker compensation claims, and therefore lowers overall insurance costs.

Statistics show that proper training does make a difference. In addition to preventing damage and injury, correct usage of equipment means fewer repairs, early identification of possible problems, which lower maintenance costs.



NFPA 70E Standards

More and more facility owners are requiring compliance with the NFPA 70 E Standards; many have already initiated the LIVE ELECTRICAL WORK PERMIT System (similar to a Confined Space Permit). The standard provides a straight forward Hazard Matrix and PPE Matrix which can be used instead of complex energy calculations. These tables are shared in a "How to" format for NFPA Compliance. Call for on-site seminars

News and Events

Tribometry (Slip and Fall Prevention)

Safety Resources, Inc is now offering another line of liability defense for their clients, Tribometry. The purpose of Tribometry is to provide a guide to aid in the prevention of slip and fall accidents and assist in the elimination, reduction, and/or control of hazards from undesired incidents of slips, trips and falls.

Safety Resources Inc's Slip and Fall program is a program consisting of several elements; that together, contribute to your facility and/or company's liability defense in the event a slip and fall occurs at your place of business.

Through extensive research and development SRI is now able to conduct slip resistance testing of floors, program development, training, and expert witness testimony. Please visit our website for more information www.safetyresources.com

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News and Events (cont.)

XIX International Occupational Ergonomics & Safety Conference

Gary Gagliardi, SRI's Director of Operations, was invited to speak at this years International Occupational Ergonomics & Safety Conference held in Las Vegas on June 28, 2005.

Gary presentation was regarding his article, The Integration of the Science of Slips and Falls in a Comprehensive Program to Effect Change, which was published in the IOES Journal.

In his article Gary discusses the approach of slip and fall management by combining the sciences, floor metering technology, standard acceptable floor care methods, legal responsibilities, the influence of the insurance carriers, and the concerns and limitations of the corporate world, to develop a series of programs that provide the means and incentives for responsible parties to implement. Essentially, his programs bring together the knowledge that has been gained and conveys them to the implementation stage.

EXPERIENCE

Safety Resources, Inc. is a team of dedicated professionals whose practice is the structure and implementation of workplace safety, corporate loss control and regulatory compliance. Every member of our staff not only holds highly technical degrees but they have practical "in-field safety" experience. We bring a reality of what works and what does not to every situation.

CONFIDENCE

As consultants, we think strategically to accomplish safety goals within the big picture of your business. We speak your language and understand the performance and budget constraints that affect your decision making. As specialists in our field, we'll think through your safety and loss control issues with you.

SOLUTIONS

SRI recognizes that clients not only require answers to their questions, but also seek direction on ways to anticipate problems before they arise. "Tell me what works" is what you want to know. SRI delivers "how to".



A printable PDF Copy is
attached

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Thanks for reading the "Safety Bulletin" and see you next month!