

SLINGMAKERS

Issue 122

Fall, 2009

INSIDE

The Government Affairs Committee

Membership Committee

THE TOUR

Profit Improvement Report

AWRF General Meeting

Scholarship Committee

**Quality, Health, Safety
and Environmental Committee (QHSE)**

Lending Library

A.W.R.F CALENDAR

JAGwire

Muncy Machine & Tool

**Distributor Computer Systems Expands
The Dimensions Of Software**

News Releases

**B30 Publication
Update Schedule**

B30 Committee



ASSOCIATED WIRE ROPE FABRICATORS

"An association serving the

lifting, rigging, and load securement industry"

P.O. BOX 748 • WALLED LAKE, MI 48390

1-800-444-2973

PHONE: 1-248-994-7753 • FAX: 1-800-666-2973

e-mail: awrf@att.net • website: www.awrf.org

WE'VE TAUGHT AN OLD "DAWG" NEW TRICKS

In addition to the innovation, high quality and broad product offering associated with the IP line of plate clamps, Crosby **IP** LIFTING CLAMPS provide several key benefits only available from Crosby.



IPU10
Universal
Vertical



IPNM
Non Marring



IP10
Vertical

- **One Stop Shopping** – Clamps are now a part of the most complete product line available in the industry.
- **Industry Leading Training** – IP's Quality training materials have been upgraded to Crosby's standards, *the industry standard.*
- **Industry Leading Support** – The industry's leading customer service department, field sales staff and technical support.

From the President – Michael Rothermund



KULKONI, INC.
SINCE 1963
Distributors of Imported and Domestic
Oilfield, Marine, and Industrial Supplies

502 Garden Oaks Blvd
Houston, Texas USA 77018
Phone: 713-691-1234 • Toll Free: 800-231-2357
Fax: 713-691-3973

Where do we come from? What are we? Where are we going?



In 1898, painter Paul Gauguin finished this work, musing not only on his own past, present and future, but more so the role played by humanity as a whole.

Applying that concept to our association, the AWRF, I believe we can find reason for optimism at an otherwise difficult and financially challenging time.

When, 34 years ago, the original 9 founding members of AWRF came together, they envisioned a body that would promote their unified interests and encourage the development of procedures and standards. This would lead to a safer environment not only in their companies, but also in the various industries using their products.

Today this group has grown to be the leading association in its trade worldwide, with close to 400 members from 21 countries and counting. Our goals remain in line with the ideas established in 1975. Members and representatives of the association have seats on all major boards and committees responsible today for the development of guidelines, procedures and standards, governing the manufacture and use of the products we put in the stream of commerce. We are actively widening the scope of covered products regularly, while still applying the philosophies envisioned

by the founders. Additionally, we are adding secondary services to our repertoire. While health insurance is not our day-in-day-out business, it is something we all need and want to provide. Therefore, we are looking into an industry wide solution, hopefully saving all participants valuable funds.

During my three years of service on the board of directors of the AWRF, I have been privileged to get to know many of you in a different light. When serving on the board, the perception of the person you are dealing with tends to change. I realized I was not looking at distributors and manufacturers, or even customers or competitors, but rather at individuals approaching me with an issue, looking to the association for guidance or assistance. In the board meetings, it was remarkable to see how most individuals were able to put personal business interests aside to work on advancing the common cause.

We are also at a point in time where the second, sometimes the third generation of management is actively stepping into the businesses their parents or grandparents started. With that comes a need for us to stay current. We have started spending time on making sure that we are able to communicate our message to the next generation. While “an updated

Continued on page 44

Table of Contents

The Government Affairs Committee	5-6
AWRF General Meeting	8
THE TOUR	9
Membership Committee	9
Profit Improvement Report	11
JAGwire	13
Quality, Health, Safety and Environmental Committee (QHSE)	15
Lending Library	15-16
A.W.R.F CALENDAR	19
Deepest Sympathy, Chuck Richards	19
Muncy Machine & Tool	24-25
Scholarship Committee	30
Distributor Computer Systems Expands The Dimensions Of Software	34-35
News Releases	37-39
B30 Publication Update Schedule	51-53
B30 Committee	53
Arthur Lakes Library Contribution Form	58
Ad Index	62



Our Business is Picking Up

with our mobile crane blocks & bridge crane blocks.

You can count on our reputation, experience and proven dependability for the right crane block to lift your business. Renfro Too Crane Blocks featuring...

- Through the shaft, sheave bearing lubrication
- Standard single point alloy swiveling hook with latch
- Double and quad hooks available
- Single and multiple sheave configurations
- Sheaves available with bronze bushings, straight roller bearings or tapered roller bearings.

 **RENFROE***TOO*
CRANE BLOCKS
IT'LL TAKE A LOAD OFF YOUR MIND

J.C. Renfro & Sons, Inc. Jacksonville, Florida 32206 Toll Free 800.874.8454 • Fax 904.354.7865 • www.jcrenfroe.com

THE GOVERNMENT AFFAIRS COMMITTEE

By: J. Barry Epperson,
General Counsel and
Chairman of Government
Affairs Committee



AWRF PRACTICES AND GUIDELINES

In keeping with one of the basic Purposes of AWRP, i.e., **A**to encourage the development of safety standards for manufacturing, fabricating and distributing of lifting, rigging and load securement devices including promotion of suggested product safety programs and procedures applicable to the industry,[@] the Association has established a formalized system for the adoption of recommended Practices and Guidelines (P&G). Although the current Antitrust Policy precludes the adoption of industry consensus standards, the Technical Committee has promulgated recommended safety policies and procedures in recent years dealing with chain slings, test beds and swagers. In addition, through the work of the Government Affairs Committee and others, the U.S. Department of Labor has published a modernized *Guidance on Safe Sling Use* to cover aspects of the lifting, rigging and load securement industry omitted or obfuscated by the somewhat obsolete OSHA Sling Safety Standard.

The AWRP Policy for adopting recommended P&G is a living document, subject to periodic review and adjustment to meet ever-evolving industry changes. The most recent version of this Policy, adopted in February, 2009 by the AWRP Technical Committee, is published below for your edification. Due to lack of space, the exhibits to the document have been omitted. Of course, these pages are available upon request.

AWRF POLICY FOR ADOPTING RECOMMENDED PRACTICES AND GUIDELINES

Section I

PREAMBLE

On April 8, 1984, Associated Wire Rope Fabricators adopted its first *Statement of Policies and Procedures for Standards Activities* (Exhibit A). The Association purposes were expanded to permit the “establishment” of technical information on January 19, 1990. On August 10, 1992, in his capacity as legal counsel to the Association, Barry Epperson prepared and disseminated *Guidelines For Dissemination Of Information* (GDA) which is attached hereto as Exhibit B. In January 1994, the Board of Directors of Associated Wire Rope Fabricators once again modified its policy regarding standards. The new policy was reviewed by the general membership in April 1994. The latest version (2007) reiterates the proposition that while AWRP does not write, promulgate or adopt voluntary consensus standards, the Association now has the following authority:

“... to develop Association recommended ‘practices’ and ‘guidelines’, and to actively support, influence, and provide input to standards-writing organizations utilizing an open process which requires the opportunity for input from the entire membership and industry at large, subject to Board-approved procedures.”

This authority emanates from the following corporate purpose:

To encourage the development of safety standards for manufacturing, fabricating and distributing of lifting, rigging and load securement devices including promotion of suggested product safety programs and procedures applicable to the industry.

Legal counsel was assigned the responsibility of developing a policy for adoption of recommended *Practices and Guidelines* (P&G) and following approval by the Technical Committee and the board of directors, the original P&G policy was adopted on October 22, 1995. On May 23, 1995, counsel drafted criteria for review of proposed P&G (Exhibit B-1) and on August 10, 1996, the Technical Committee adopted procedures for “assignments” of projects to its subcommittees (Exhibit C). The first major revision to the basic policy took place in 2005. This document represents the second revision.

Association members remain free to follow practices, procedures, guidelines or standards of their choice and to purchase products of their own selection. AWRP does not “endorse” products or services. All AWRP recommended P&G shall be voluntary and formed by consensus. As used herein, the term “consensus” implies substantial, but not necessarily unanimous consent of all participants in the adoption process. Dissenting opinions shall be addressed, recorded and appended to the minutes. Although AWRP shall not enforce compliance with its recommended P&G, cooperation shall be extended to standards writing organizations within the private and public sector where the Association=s recommended P&G may be used as a basis for the promulgation of standards. Except to the extent that this document modifies the original AWRP Statement of Policies and Procedures for Standards Activities (in particular by authorizing the development of recommended P&G) or where there are conflicting provisions, the earlier policy (approved on April 8, 1984) shall remain in full force and effect. In the event

of conflicting terms between the two documents, this document shall supersede and take precedence over the earlier policy.

Section II

ROLE OF TECHNICAL SUBCOMMITTEES

The AWRF Technical Committee (TC) through its subcommittees assumes the responsibility for identification and investigation of testing, industry innovations, new products and domestic and foreign standards for the purpose of establishing AWRF recommended *P&G* and for such other purposes as the TC shall determine. It is anticipated that the subcommittee system will facilitate a more expeditious and thorough treatment of TC activities, whether AWRF is working independently or in conjunction with other associations. AWRF is committed to the proposition that the policy described herein, founded on the subcommittee networking system, will accommodate the Association's added responsibility of creating Association recommended *P&G*. The following Sections contain requirements relative to the adoption of *P&G* and shall not govern other business of the TC and its subcommittees.

Section III

SOURCE OF RECOMMENDED *P&G*

Any interested party, whether AWRF member or not, may submit a written request to the TC to develop recommended *P&G*. Although the Association shall not be required to act on requests or inquiries, the Chairman of the TC shall respond in writing setting forth the reasons for any such refusal. While initial preparation of recommended *P&G* is assigned exclusively to the TC through its subcommittee network, participation in the development process shall not be denied to bona fide interested parties, including non-members of the Association. It is anticipated that the process shall involve a broad cross-section of the industry, including manufacturers, distributors, users and consultants where appropriate. Subsequent to the adoption of recommended *P&G* by the Association, the TC shall be responsible for initiating periodic review, delivering interpretation upon reasonable request, and conducting revision and/or rescission in the event of obsolescence or change in the state of the art.

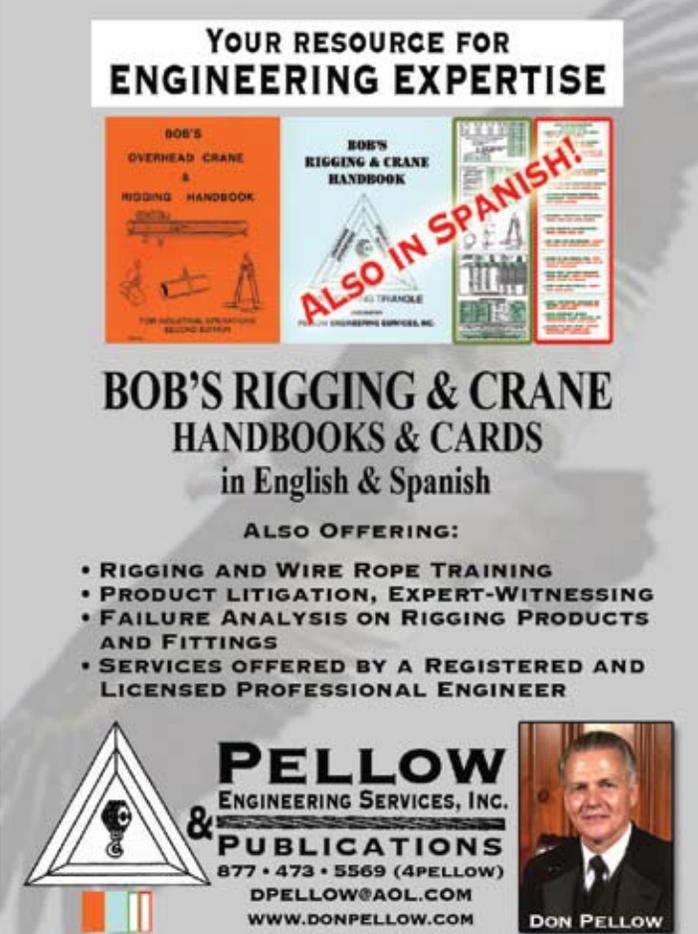
Section IV

STRUCTURE OF TECHNICAL SUBCOMMITTEES

The designation, mission, purposes and objectives of subcommittees shall be determined by the TC. As soon as practicable after annual appointment, the Chairman of the TC shall appoint subcommittee Chairmen to serve until replaced or reappointed. Subcommittees shall consist of a minimum of three voting members including the subcommittee Chairman. The subcommittee Chairmen shall then recruit members representative of the appropriate product sector for subcommittee

service who shall serve until replacement, resignation or reappointment. Subcommittee participants shall be recruited from the AWRF membership and/or from the industry at large. These individuals shall have an interest and/or expertise in the projects or subjects involved. AWRF members serving on subcommittees may designate a qualified employee or representative as their delegate to the subcommittee. Subcommittee applicants, whether or not members of AWRF, must secure the approval of the TC and subcommittee Chairman. Throughout the year the Chairman of each subcommittee may enlarge or reduce the size of his or her subcommittee and shall fill vacancies to meet minimum requirements. Subcommittee Chairmen may designate and compensate professional consultants within the parameters of the subcommittee budget which shall be established annually by the TC. As required, each subcommittee Chairman shall designate one member of the subcommittee who is not a member of the AWRF Technical Committee to serve as Vice Chairman. Any subcommittee Chairman may from time to time direct the Subcommittee Vice Chairman to attend Technical Committee meetings in his place. As the designated representative of the Subcommittee, the attending Vice Chairman shall assume all of the rights, privileges and responsibilities of the Subcommittee Chairman including the right to vote on issues before the Technical Committee.

Continued on page 45



**YOUR RESOURCE FOR
ENGINEERING EXPERTISE**

BOB'S OVERHEAD CRANE & RIGGING HANDBOOK
BOB'S RIGGING & CRANE HANDBOOK
ALSO IN SPANISH!

**BOB'S RIGGING & CRANE
HANDBOOKS & CARDS
in English & Spanish**

ALSO OFFERING:

- RIGGING AND WIRE ROPE TRAINING
- PRODUCT LITIGATION, EXPERT-WITNESSING
- FAILURE ANALYSIS ON RIGGING PRODUCTS AND FITTINGS
- SERVICES OFFERED BY A REGISTERED AND LICENSED PROFESSIONAL ENGINEER

PELLOW
ENGINEERING SERVICES, INC.
&
PUBLICATIONS
877 • 473 • 5569 (4PELLOW)
DPELLOW@AOL.COM
WWW.DONPELLOW.COM



DON PELLOW



Need a Lift?

Load Handling SOLUTIONS



- Hi-Lift Blocks
- Hooks
- Swivels
- Sheaves
- Insulated Load Blocks & Links



High Quality Lifting Products
since 1935

www.millerproducts.net
800.733.7071

MILLER™

Make all the right connections.

AWRF General Meeting

AWRF General Meeting
Omni Orlando Resort at
ChampionsGate

October 25-28, 2009



with this **"TICKET TO RIDE"** on our
REMEMBER THESE GUYS?



"COME TOGETHER"

COME AND MEET THESE GUYS!

Let's



MAGICAL MYSTERY TOUR

TUESDAY'S BANQUET NIGHT ** CHAMPIONS GATE RESORT **
OCTOBER 27 ** 8:00 PM



www.awrf.org

THE TOUR

Daytime Activity Options Monday, October 26, 2009 Roy's Cooking Class

Itinerary - Group One:

10:00AM-10:30PM	Transfer to Roy's Restaurant
10:30AM-12:00PM	Exclusive cooking demonstration
12:00PM-12:30PM	Return transfer to the Omni Orlando Resort at ChampionsGate

Itinerary - Group Two: (If Needed)

12:00PM-12:30PM	Transfer to Roy's Restaurant
12:30PM-2:00PM	Exclusive cooking demonstration
2:00PM-2:30PM	Return transfer to the Omni Orlando Resort at ChampionsGate

Roy's Executive Chef Michael Wos presents his personalized Hawaiian Fusion Cooking Class. You are treated to an intimately fun and informal afternoon of culinary delight and instruction.

Founded by internationally acclaimed Chef Roy Yamaguchi who holds the distinction of earning Hawaii's first prestigious James Beard Award, Roy's restaurants reflect his personal commitment to serve exciting and innovative Hawaiian Fusion cuisine of the highest quality in an elegant, yet casual atmosphere.

Roy's is all about food – unique, beautiful to gaze upon, pleasing textures and bold flavors – with a taste that is as good as it looks. The menu reflects the highly personal touch of Roy Yamaguchi and his talented culinary team.

After this delightful class, deluxe vehicles will be waiting to return guests to the hotel.



Services Include:

- Transfer via deluxe vehicle
- Three items to be demonstrated in the class (1 ½ hour demonstration)
- Three course meal per person
- Recipe packet for guests to take home
- Does not include alcoholic beverages

J Henry Holland Corp.

Larry Lusk / VP General Manager
Va. Beach, Va. 23455
1-757-460-3300
1-757-880-3123 > cell
www.jhenryholland.com



Membership Committee

FACE to FACE

No denying, the forms of electronic communication these days are endless. Let's see.. Outlook e-mail, Twitter, Facebook, My Space, and let's not forget the Blackberry, Blueberry, and Strawberry (ha ! – just kidding) But, I think you get the picture. The electronic age over the past 15 years has spawned numerous outcomes. Positives include: Information gathering at lightning speeds, Spread the word to hundreds of folks with a couple “clicks” of the mouse, Send pictures immediately for both business purposes, and sharing a family “snapshot” memory, just to name a few. Several unexpected outcomes of the electronic age includes : Electronic Reverse auctions, (talk about chiseling away at relationship selling !) Information that may ricochet around the industry unexpectedly... out of your control. And lastly the sometimes unrealistic “hurried” expectations of a business response... because someone sent you an e-mail yesterday morning !!

The spirit of this article was written with one thought in mind. There's absolutely no substitute for the FACE TO FACE meeting. Yes, there's plenty of positives in electronic communication. However, an old fashioned handshake, and the FACE TO FACE interaction is hard to beat.

As you know, AWRP Conventions are ideal meeting grounds to maximize the benefits of FACE TO FACE. Manufacturers know this recipe all too well. However, ask yourself this : Are you maximizing your company's selling potential of unique products ... to other “regular members” ? It's easy to think of “rigging shop” members as only a competitor. However, the FACE TO FACE time spent at an AWRP convention may allow you to discover new sales outlets, that otherwise, may have been somehow perceived as a competitor. (i.e. example : A regular member may splice, and urethane coat specialty fabricated cordage assemblies... and be happy to sell to other regular members for resale hint –hint) You get the picture.

Plan ahead for next upcoming AWRP Convention. Remember... there's simply no substitute for the FACE TO FACE time spent with fellow AWRP Members.

Hope all of you have enjoyed the summer ! See you in Orlando.... FACE TO FACE

POWER & PRECISION

Python® is a worldwide synonym for high quality Wire Ropes, producing Standard and High Performance Wire Ropes since 1911. Our product portfolio contains, but is not limited to ropes for:

- CRAWLER-, TRUCK-, AND CONSTRUCTION CRANES
- HYDRAULIC- AND LATTICE BOOM CRANES
- TOWER- AND LUFFING JIB CRANES
- OVERHEAD- AND STEEL MILL CRANES
- PORT-, SHIP-, AND HEAVY CARGO CRANES
- OFFSHORE CRANES
- DEEP FOUNDATION EQUIPMENT

Our wire rope products range from small 6 mm (1/4") DoPar® for overhead cranes to ropes of 120 mm (5") Compac 35® high strength non-rotating types. In between we manufacture super high strength Python® Ultra types and ropes with unparalleled fatigue life such as the Python® Super 8 construction class.

For immediate support and customer/operator training we have engineering and technical staff located in the USA and Canada. **Remember: We ARE the manufacturers of Python® ropes, not just an importer.**

For product availability
and distribution partners:

1 800 255 8973 (ASC-Chicago)
1 973 684 4637 (USA)
1 800 457 9997 (Canada)

www.pythonrope.com

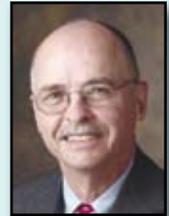
python
rope.com

PYTHON®
HIGH PERFORMANCE WIRE ROPE

Profit Improvement Report

All PPG Financial Benchmarking Clients:

By Dr. Albert D. Bates
President, Profit Planning Group



As you well know it has been a brutal year. Many of your members continue to face some challenging times. While there is nothing we can do about the economy, we are going to enhance the value of our financial benchmarking activities to at least provide a degree of support to the troops.

We will now provide a new free addition, called Profit Talk, that every participant will receive. In simplest terms, it will be a series of short videos on key profitability issues that your members can use with their management team. It is designed to supplement the internal training that firms now provide.

Profit Talk won't make the economy any better, but it should be one more small effort to get everybody in the firm on the same wave length. The service, incidentally, is based upon the suggestions of a number of distributors in various lines of trade. I think we are responding to a genuine need.

Please note that this service will be available to all distribution associations that conduct a financial benchmarking project in 2010.

You will not have to do anything extra and your members will not have to do anything extra. It will be provided automatically. It should be promoted, though, as another benefit of participation.

Finally, we are going to offer an extra service for those associations that will be conducting BOTH a compensation and financial survey in 2010. I will provide an additional, highly tailored, video for each association focusing on the financial benchmarking survey results in 2010 and their implications for your members. Candidly, this is an extremely large hunk of work to put together. In these difficult times, it is a way of saying an extra thanks to those associations that support both projects. You are helping us and your members by hanging in; we want to help you and them in return.

Please let me know your thoughts about Profit Talk.

AL BATES
303-444-6212
1790 38th St., Suite 204
Boulder, CO 80301

Profit Talk

Many distributors face the challenge that top management understands the key drivers of profitability in the firm, but most mid-level managers do not. Profit Talk, a free video program for your members, provides the opportunity for the firm to share profit-improvement concepts with all decision makers. The information can be shared in groups or individually.

Profit Talk is an extension of Profit Toolkit, which has been an integral part of the individual feedback reports provided to firms that take part in the financial benchmarking programs conducted by the Profit Planning Group. Taking part in Profit Talk will require no additional work on the part of the participants.

As in the past, survey participants will receive a link to Profit Toolkit as part of their individual Profit Improvement Profiles. They will download Profit Toolkit, enter numbers for their firm (the numbers to enter are provided automatically as part of the Profit Improvement Profile) and then print out results for their firm in seminar-handout format.

These results will be the basis for Profit Talk. The video seminar will be in snippets format with a different topic in the eight to ten minute range being provided each year. Participants can watch the video and understand how the concepts and ideas impact their individual firm. The program will combine generic video with the company-specific handouts.

For firms that don't desire to share company information, industry average information from the financial benchmarking survey can be employed. The firm could, for example, use company information for selected members of the management team and overview information for other employees.

The video will be hosted on YouTube. It will be in a password protected section where only participants in the financial benchmarking survey can gain access. It should be a way to enhance survey participation and to provide valuable training at the same time.

Our feeling is that in the first year we would prepare two modules to get things started. We would then add additional modules in subsequent years so that the members had a library of topics.

Jergens Hoist Rings

Center Pull style. 800 to 50,000 lbs. capacities.

Competitors' Hoist Rings

- Each Hoist Ring pull-tested and certified to 200% of rated load capacity
- Individual certificate of proof-test accompanies each Hoist Ring
- Clearly identified
- Date code stamped
- Individually boxed
- Inch/metric color coding
- Multi-lingual instructions included with each unit

Claims Are Nice, BUT ASK FOR PROOF!

SP2000™

Side Pull Hoist Ring has full swivel and pivot action. Compact, low profile design simplifies use. Ideal for flipping molds & dies. 650 to 29,000 lb. capacities. U.S. Patent 409,895.



Although they may look the same, when it comes to hoist rings, you truly get what you pay for. Insist on Jergens Hoist Rings: all are designed for a 5:1 strength factor; all material is *domestically* manufactured certified alloy steel. Forged or cast components are magnetic particle inspected to ASTM E709-80 with zero defects permissible.

Swivel Eyebolt™

style has full swivel and pivot action. Patented *tamper-resistant* design is great for permanent mounting applications. 500 to 4,000 lb. capacities. Available in inch, metric and stainless steel. U.S. Patent 5,743,576.



ALL COMPONENTS MADE IN USA



Side Swivel™ Economical design for OEM applications. Full swivel and pivot action. 650 to 4,100 lb. capacities. U.S. Patent 6,443,514.



Forged Center Pull

Full swivel and pivot action allows you to flip and turn parts without unhooking. Integral solid center brace lift bail. Bail design reduces possibility of spreading the lift bail in misapplications. 800 to 30,000 lb. capacities. U.S. patent #6,652,012.



Side Pull (Traditional) Hoist Ring makes flipping of lifted items easy. Features oversized round ring and heavy duty cast body. 650 to 29,000 lb. capacities. U.S. Patent 6,443,514.

ISO9001:2000
QUALITY SYSTEM CERTIFIED

Jergens

www.jergensinc.com

Jergens Way 15700 S. Waterloo Rd. Cleveland, OH 44110 • Tel.: (800) 537-4367 • Fax: (216) 481-6193 • e-mail: info@jergensinc.com

©2006 Jergens Inc.

Member Of:



Made in America



Certified

AWRF Management Team

Those of you who attended the Spring General Meeting in Austin, TX received a thank you card from the Board of Directors and JAGwire Management. Many of you thought, "Hmm, who is JAGwire?" Actually, you already know; it's the official company name for Jeff and Barbara Gilbert.



The JAGwire Management team includes Jeff Gilbert, Barbara Gilbert and Caren VanZant. The Association's office is located at 28175 Haggerty Road Novi, MI 48382.

With over 30 years in the Wire Rope industry, Jeff first started out with the Bethlehem Steel Corporation – Wire Rope Division, where he was involved in Sales, Claims Investigation, and catalog development. He also has Field Experience in all usages of wire rope. Jeff is also a retired U.S. Air Force Reserve Colonel with 26 years of service.

As the Vice President / General Manager at The Commercial Group, Jeff was responsible for all production facilities that produced wire rope assemblies, welded chain assemblies, and all types of synthetics including high performance fibers; as well as, equipment producing the above-mentioned products.

Currently, he is the Executive Director for the Associated Wire Rope Fabricators (AWRF) association along with being

JAGwire Management LLC

a member of the AWRF Technical Committee for 12 years, and an AWRF liaison to the Wire Rope Technical Board. Jeff serves an Alternate Member of ASME B.30 Main Committee and Member of the following sub-committees:

B30.9	Slings	B30.19	Cableways
B30.10	Hooks	B30.26	Rigging Hardware

He was recently voted in on the Management Board of the International Organization for the Study of the Endurance of Wire Rope OIPEEC.

Barbara Gilbert is a retired U.S. Air Force Master Sergeant / GS11. She has extensive logistical experience from her combined 32 years with the Air Force and Department of Defense. She also has several years of banquet and party planning knowledge prior to and since JAGwire Management acquired AWRF as a client.

Caren VanZant comes to JAGwire with experience as a Trainer Assistant for a Sales and Management Training Company; as well as several years in International Sales of consumer products.

As a team, they are the group who is responsible for running the excellent association that is the Associated Wire Rope Fabricators. They work to give you the best Conference Experience possible, and hope you come away from the meetings with meaningful information and that you've enjoyed seeing all your friends in the industry at the receptions and banquet which are put on for you all.

The Original Self-Locking Hook. Still the Best.



The Gunnebo Lifting name carries a 240-year tradition of manufacturing excellence and an unequalled commitment to quality and reliability. The bottom line is: when you specify Gunnebo Lifting, you get the best that money can buy.

For the highest quality chain, hooks, links, and other lifting components, ask for the original.



THE ORIGINAL
Self-Locking Hook



GUNNEBO JOHNSON
CORPORATION

Corporate Office: 1240 North Harvard • Tulsa, OK USA
Toll Free Telephone: 800-331-5460 • Fax: 918-834-0984
www.gunnebojohnson.com



QUALITY PRODUCTS. QUICK DELIVERY. GOOD PRICES. PICK ANY THREE.



When you need 1¼" wire rope and you need it now, call Loos & Company. It's in stock. Ready to be shipped. And priced right. We make and stock a wide range of wire rope in sizes up to and including 1¼". Specializing in stainless steel, other materials are available upon request. And we make it all right here in the USA. When you need the right size wire rope right away, call us at (800) 533-5667. Or visit www.loosco.com.



Actual size 1¼" stainless wire rope

AVAILABLE MATERIALS: STAINLESS 302/4, 305, 316; PHOSPHOR BRONZE, MONEL, INCONEL, CARBON STEEL; BRIGHT, GALVANIZED



Wire Rope Division
1 Cable Road, Pomfret, CT 06258
fax: (860) 928-6167
email: sales@loosco.com

LOOS & CO. INC.
When it matters.

Quality, Health, Safety and Environmental Committee (QHSE)



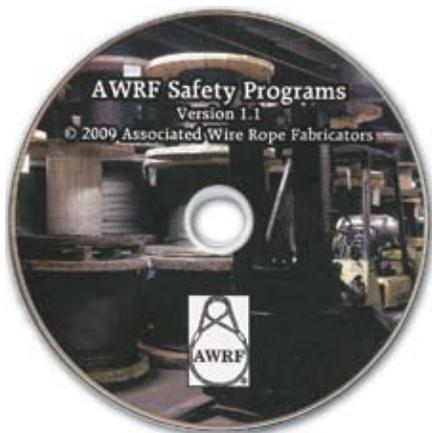
Mike Lindsey
Delta Wire Rope, Inc.
Broussard, LA
337-837-2713
mlindsey@deltarigging.com



Hello All!

By now everyone should have received the **AWRF Safety Programs**

Version 1.1. It's an outstanding addition to anyone's Safety Library or a great start toward the creation of one. See Samsel Supply Co.'s President Kathy Petrick's testimonial.



Samsel Supply Company
1285 Old River Road
Cleveland, Ohio 44113
Tel: (216) 241-0333
Fax: (216) 241-3426
info@samselsupply.com

14 August 2009

Dear Mike and Jeff,

I just wanted to thank you and your committee for the outstanding work you have done creating the A WRF Safety Programs disk. Its benefits are too long to list. We are constantly trying to build a safety library; this will allow my company to have a better safety program.

Thank you again, I can only imagine the extra time and effort you all spent on this project. In these difficult times, it is truly appreciated.

Very truly yours,

Kathy
Kathy Petrick

AWRF DVD LENDING LIBRARY SIGN-OUT FORM

COMPANY NAME: _____ SIGN-OUT DATE: _____

COMPANY LOCATION: _____ RETURN DUE DATE: _____
(within 2 weeks after receipt)

CONTACT NAME & PHONE #: _____

Notes: _____

25 Most Commonly Cited OSHA Violations		Industrial Ergonomics	
Accident Investigation		Industrial Fire Prevention	
ANSI / MSDS		Ladder Safety	
Back Injury Prevention		Lock Out / Tag Out	
Compressed Gas Cylinders		Machine Guarding Safety	
Controlling Exposure to Bloodborne Pathogens (Mfg.)		Office Safety	
Dealing with Drug & Alcohol Abuse..For Employees		OSHA Log 300	
Dealing with Drug & Alcohol Abuse..For Managers & Supervisors		OSHA Recordkeeping for Managers, Supervisors & other Employees	
Driving Safety		Personal Protective Equipment	
Emergency Planning		Portable Grinders & Abrasive Wheels	
Eye Safety		Pre-Trip Inspection for Light Trucks	
Fall Protection		Reporting for Work, Your Safety Responsibilities	
Fire Protection / Electrical Safety		Respirators & How to Use Them	
First Aid		Safe Operation of Overhead Cranes	
Fitness & Wellness		Safety Audits	
Fit-Testing Respirators		Safety Showers & Eye Washes	
Forklift Operator Training		Slips, Trips & Falls	
Hand & Power Tool Safety		Supervisor's Guide to Accident Investigation	
Hand, Wrist & Finger Safety		Unsafe Acts; Human Behavior	
Hearing Conservation & Safety		Welding Safety	
Heat Stress		Winter Driving	
Housekeeping in Manufacturing		Workplace Stress	

RETURN ADDRESS: 28175 Haggerty Rd. Novi, MI 48377

SAFETY VIDEO & DVD RENTAL LIBRARY

25 Most Commonly Cited OSHA Violations	9 min dvd	DVD
Accident Investigation	complete training program	DVD
ANSI / MSDS	complete training program	DVD
Back Injury Prevention	9 min dvd & leader's guide	DVD
Compressed Gas Cylinders	complete training program	DVD
Controlling Exposure to Bloodborne Pathogens (Mfg.)	17 min dvd	DVD
Dealing with Drug & Alcohol Abuse..For Employees	complete training program	DVD
Dealing with Drug & Alcohol Abuse.. For Managers & Supervisors	complete training program	DVD
Driving Safety	complete training program	DVD
Emergency Planning	complete training program	DVD
Eye Safety	complete training program	DVD
Fall Protection	complete training program	DVD
Fire Protection / Electrical Safety	9 min dvd	DVD
First Aid	complete training program	DVD
Fitness & Wellness	complete training program	DVD
Fit-Testing Respirators	12 min dvd	DVD
Forklift Operator Training	16 min dvd	DVD
Hand & Power Tool Safety	complete training program	DVD
Hand, Wrist & Finger Safety	complete training program	DVD
Hearing Conservation & Safety	complete training program	DVD
Heat Stress	complete training program	DVD
Housekeeping in Manufacturing	10 min dvd	DVD
Industrial Ergonomics	complete training program	DVD
Industrial Fire Prevention	complete training program	DVD
Ladder Safety	complete training program	DVD
Lock Out / Tag Out	complete training program	DVD
Machine Guarding Safety	complete training program	DVD
Office Safety	complete training program	DVD
OSHA Log 300	13 min dvd	DVD
OSHA Recordkeeping for Managers, Supervisors & other Employees	complete training program	DVD
Personal Protective Equipment	complete training program	DVD
Portable Grinders & Abrasive Wheels	12 min dvd & leadership guide	DVD
Pre-Trip Inspection for Light Trucks	13 min dvd	DVD
Reporting for Work, Your Safety Responsibilities	10 min dvd	DVD
Respirators & How to Use Them	12 min dvd & leadership guide	DVD
Safe Operation of Overhead Cranes	12 min dvd & leadership guide	DVD
Safety Audits	complete training program	DVD
Safety Showers & Eye Washes	complete training program	DVD
Slips, Trips & Falls	complete training program	DVD
Supervisor's Guide to Accident Investigation	12 min dvd	DVD
Unsafe Acts; Human Behavior	11 min dvd & leadership guide	DVD
Welding Safety	complete training program	DVD
Winter Driving	12 min dvd & leadership guide	DVD
Workplace Stress	complete training program	DVD

McKISSICK
Your Total Block Company.

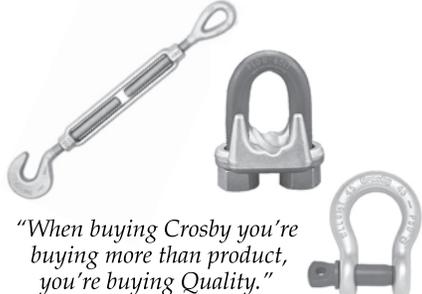


Sheaves
Snatch Blocks
Crane Blocks
Overhaul Balls
Construction Blocks

1-800-772-1500

theCrosbygroup, inc.

1-800-772-1500



"When buying Crosby you're buying more than product, you're buying Quality."

theCrosbygroup, inc.

"Fittings for Synthetic Slings"

Sling Saver®



"Lifting the World into the future".

theCrosbygroup, inc.

1-800-772-1500



Quality & Performance

"The *Difference* is BRIDON" is a statement relating to a broad spectrum of "Value Added" features, which together aim to ensure Quality, Reliability and Customer Satisfaction. The following section has been designed to help you identify what precisely it is that differentiates BRIDON products from the competition.

Shared Knowledge

BRIDON believes it is important that our users are knowledgeable about the properties, installation, use, inspection and maintenance of our products. This belief has led BRIDON to offer both formal product-training seminars supported by relevant product safety and product data literature as well as specialist courses tailor-made to suit customer requirements.



Customer Service

The '*Difference*' at BRIDON is service, which is second to none. Such excellence is achieved not only by having the product available when you want it, but by also providing a knowledgeable team of field sales representatives, a fully trained and capable Customer Services team dealing specifically with inquiries and orders supported by expert rope engineers. BRIDON products are available across the USA, Canada and around the world via a network of Distributors. For more information about any of these value added features, please contact your local BRIDON Distributor or BRIDON American Corporation direct.

The *Difference* is BRIDON AMERICAN

A Commitment to Quality

The '*Difference*' is that Bridon's products are tested to destruction. This "Powercheck" enables us to satisfy ourselves that the minimum breaking strength has indeed been achieved or exceeded. Not all competitors carry out this test. Failure to meet the required minimum breaking force may mean that the design factor of safety for the equipment or machinery has been compromised.

Setting the Standard

BRIDON strives to 'set the standard' on both its domestic market and overseas. The achievement of such goals becomes apparent when many OEM's specify and recommend BRIDON products, because 'The *Difference* is BRIDON.'

Engineering Excellence

The majority of Bridon's products are manufactured with wires produced by BRIDON, using state of the art machinery. These wires are subsequently spun into strands and then closed into ropes specially designed to meet the strength and performance requirements demanded by you, our valued customer.



Endurance and Reliability

BRIDON products are time tested and better able to withstand severe field applications as a result of the superior fatigue, crush resistance and rotational characteristics associated with all products within our high performance range.

www.bridonamerican.com

TESTING MACHINES

- Heavy Duty Testing Machines, designed for the rigging industry
- Standard sizes or custom machines
- Upgrades for existing machines
- Software compatible with all RFID systems
- Worldwide Calibration Service for any testing machine
- Quality products and service since 1970



Horizontal Testing Machines 10,000 lbs. to 5,000,000 lbs. capacities - Any Length



Pre-Stretch Bed with Wire Rope Grips

Mobile Machines



Vertical Machines - Any Capacity



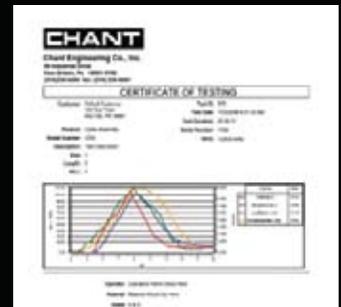
Wire Rope Grips - Any Size

CHANT

Chant Engineering Co. Inc.
 59 Industrial Drive
 New Britain, PA 18901
 215.230.4260 Fax: 230.4261
www.chantengineering.com



Operators Control



DataTest Software

ALL MATERIAL HANDLING Lifting Equipment



NEW

Dual Rated Lever Hoist

US Ton	Metric Tonne
3/4T	0.8t
1T	1.0t
1-3/4T	1.6t
2-1/4T	2.0t
2-3/4T	2.5t
3-1/2T	3.2t
7T	6.3t
10T	9.0t

IMPROVED

Manual Hoist With More Capacities

1/4t	1/2t
1t	1-1/2t
2t	3t
4t	5t
6t	7-1/2t
8t	10t
12t	15t
20t	25t
30t	

ALL MATERIAL HANDLING, INC.

CHICAGO, ILLINOIS USA • US TOLL FREE 1-877-543-8264

WWW.ALLMATERIALHANDLING.COM • SALES@ALLMATERIALHANDLING.COM

WE OFFER EASY AND PROMPT REGIONAL DISTRIBUTION FROM
4 SERVICE CENTERS THROUGHOUT THE UNITED STATES.

A.W.R.F. CALENDAR



2009

October 25-28 A.W.R.F. General Meeting
Orlando, Florida

2010

January 15-16 A.W.R.F. Board of Directors Meeting
San Diego, California

January 18-21 A.W.R.F. B30
San Diego, California

February AWRP Technical Committee
Phoenix, Arizona

April 11-14 P.I.E Bellevue (Seattle), Washington

October 23-27 General Meeting
Asheville, North Carolina

Our Deepest Sympathy

Charles "Chuck" Richards

Born in Pittsburgh, PA on August 17, 1919

Departed on September 9, 2009

Chuck Richards, Owner and President of Detroit Wire Rope and Splicing Co. was an instrumental figure in the wire rope industry for a great many years. His company became a valued member of the Associated Wire Rope Fabricators in 1978 and Chuck himself served on the Board of Directors during the formative years helping to insure the strength and value of the organization.



Many years later in 2005, Detroit Wire Rope and Splicing became a part of Mazzella Lifting Technologies also a valued member of AWRP.

Chuck's dedication and service to the industry will be remembered.

The *Inspectable* RoundSling



Available from Licensed Slingmakers and their Authorized Distributors
U.S. Patent #747926 Other U.S., Canada and Foreign Patents Pending

USA

ASHLEY SLING, INC.

www.ashleysling.com 404-691-2604 or 800-870-0541

THE CARPENTER GROUP

www.thecarpentergroup.com 415-285-1954

DCL MOORING & RIGGING

www.dcl-usa.com 504-944-3366 or 800-228-7660

THE VERNON CORPORATION

www.vernoncorp.com 812-897-3488 or 800-897-5584

HOLLOWAY-HOUSTON, INC.

www.hollowayhouston.com 713-674-5631

MARCAL ROPE & RIGGING

www.marcalrigging.com 618-462-0172 or 800-343-4971

CANADA

SLING TECH INC.

www.slingtech.com 800-423-4423



FIRST®
Full Inspection RoundSling Technology

www.firstsling.com

Toll Free in U.S.: 877-45FIRST (3-4778)

Phone: 405-324-1777 Fax: 405-324-1778



STRENGTH AND ENDURANCE

First G100 1" (26mm) Chain and Components on the market

- + 25% WLL
Compared to G80
- Components
are Orange Powder
Coated
- Meets NACM 4:1
design factor
- Meets NACM
Standard for heat
resistance (400° F)
- Meets ASTM
Standard fatigue
test for G100



For all your lifting equipment questions:

1-800-526-3924

Pewag G100 **'Winner'**
Largest Selection of G100 Chains and
Components on the Market



pewag
WORLD'S STRONGEST CHAIN

Pewag Inc.
281 Shore Drive,
Unit A & B
Burr Ridge, IL 60527
1-800-526-3924

The Possibilities are Endless.....



For more than 20 years, our slings have been the premier rigging solutions for heavy lifts.

With overload tell-tails, fiber optics, and Check-Fast[®] inspection systems, we offer our rigging customers the most advanced means of inspecting their Twin-Path[®] slings at the job site. Our durable K-Spec[®] fiber is available in all our synthetic products. And we offer engineered protection for our synthetic slings with CornerMax[®] Pads and sleeves.

In addition to our synthetic products, we have three multi-part wire rope sling designs that achieve over 90% efficiency making them truly high performance wire rope slings. They are flexible and can be made to precise lengths.

All of this is backed up by the most extensive sling testing in our industry, a worldwide network of 40 sling fabrication locations, and a commitment to provide the highest quality rigging solutions for our customers.

Contact us for more information or to find your local Slingmax[®] Rigging Solutions dealer in 60 locations worldwide.



P.O. Box 2423 • Aston, PA 19014-2423 USA
800-874-3539 • 610-485-8500 • Fax 610-494-5835

www.slingmax.com

The 'VANGUARD' of Rigging Hardware

VGD



VANGUARD STEEL LTD.

visit us at www.vanguardsteel.com



Muncy Machine & Tool



**MUNCY MACHINE™
AND TOOL CO., INC.**

Celebrates its 60th Anniversary

By: Cristal Long

Justin Fetter

James R. Fetter Jr.

D. David Shoemaker

Nestled in the rolling hills of Pennsylvania, just five miles off of Interstate I-80 a small company of 39 people is celebrating its 60th anniversary this year. Located just outside of Turbotville, PA Muncy Machine & Tool Co., Inc. has grown from a regional to an international company. In Muncy Machine's humble beginning, small jobs or walk-in customers was the core business. Today, if you were to ask people in Muncy what Muncy Machine does, it would be hard to find someone who could tell you. Apart from the occasional broken Amish buggy or a drive shaft for the Garage down the street, very little business comes from the immediate area. Although the small jobs customers have changed, Muncy Machine has kept its core values of quality, good pricing, and quick delivery.

In the early 1940's Charlie Kunz of Pittsburgh, PA was an entrepreneur of many businesses ranging from candy making to dry cleaning. He married Ina Reamsnyder in Pittsburgh and later moved to his wife's rural hometown of Muncy, PA which is located between Williamsport and Sunbury, PA. Being an entrepreneur, Charlie opened a business making cement blocks on their 13 acre farm. He hauled sand across the Susquehanna River with a homemade drag line, and made cement blocks. Many buildings in the Muncy area were built using blocks from Charlie's shop, including the Muncy Fire Station.

In the mid 1940's Charlie learned that Carnegie Technical Institute's machine shop in Pittsburgh was selling all of their machines. With his experience as

a tool and die maker, which he learned during the depression, he decided to purchase the machines and store them in his barn until he could launch a new business venture Muncy Machine & Repair. With the building expertise of his son-in-law James Fetter Sr., he built a 4,000 square foot cement block machine shop behind the family house in Muncy, PA. The whole family pitched in including his young 8 year old grandson James Fetter, Jr., who would learn to operate some of the machines and eventually would become the President of the Company. In 1949, with the shop completed Muncy Machine & Repair opened its doors for business.

Charlie's vision began simply as a general repair shop doing repairs for local farmers and anyone who wondered into the shop. In the beginning Charlie and James Fetter Sr. were the only ones who worked in the shop. Charlie taught James Sr. the machinist trade, while he made sales calls in the Muncy area. James Sr. turned out to be a natural machinist. "He could even tell you the diameter of a bar of steel just by looking at it which his naked eye" is recalled by the several employees who knew him. In 1956 Charlie changed the company's name to Muncy Machine & Tool Co. and began specializing as a machine shop. Soon customers began to include J&L Wire Rope located in Muncy, PA, Paulsen Wire Rope located in Sunbury, PA, and Bethlehem Wire Rope located in nearby Williamsport, PA. Muncy Machine & Tool began specializing in wire rope fittings.

James R. Fetter Jr. ("Jim") started working in and around Muncy Machine & Tool since he was in grade school. After attending Penn State University for Mechanical Engineering, he was drafted into the U.S. Army and



Charlie Kunz in Switzerland.



stationed at Fort Ord in Monterey, CA. While in the service he met his future wife Ophelia Tam while taking courses at the local community college. After discharge from the Army they moved to Muncy and got married. While working full time at the shop, Jim and his wife opened a successful gift shop named The Golden Dragon Gifts, which eventually had two locations in the Williamsport area.

Upon Charlie's untimely death in 1968, Jim and his sister Carol inherited Muncy Machine & Tool Co. and formed a partnership. The partnership lasted until 1976 when Jim bought out his sister and partner to become the sole owner and president, renaming the company Muncy Machine & Tool Co., Inc. In 1978 he built a new facility in Turbotville, PA and moved the company from Muncy to Turbotville. Since the relocation, Muncy Machine has expanded its facility in size with additions in 1988, 1996, and 2008. Today the company has 39 employees, including several employees from the original shop in Muncy.

early 1980's many wire rope mills started to change their business model and a lot of splicing shops started to pop up all over the country. Suddenly a lot of business shifted from a few shops down the street to many shops located throughout the country.

Jim was faced with almost all of his business being dispersed throughout the country, so he devised a new vision for Muncy Machine & Tool. He decided that Muncy Machine would become a national company, becoming the most efficient and effective provider of wire rope fittings possible, especially custom wire rope fittings. Jim rolled up his sleeves and hit the road spending countless hours driving all over the country looking in phone books and "beating the bush" for potential customers. With Jim's new vision for the company, he expanded the customer base throughout North America and now to several continents.

In 1986 Jim's wife Ophelia Fetter, a former principal of a local elementary school, purchased The Upson-Walton Company and moved it to Turbotville. A sister company to Muncy Machine, Upson-Walton's products included

pin eye and fork terminals, as well as dynamometers and wire rope quick-check tension meters.

Jim's vision did not stop. In recent years two of Jim's sons have joined the company, making Muncy Machine & Tool a fourth generation company. Justin Fetter joined the family business bringing with him his degree in Management of Technical Operations and Aviation Safety. Justin, the vice-president of Muncy Machine, has been extremely busy developing new product lines, increasing productivity in the plant, and ensuring the safety of Muncy Machine's employees with the Safety Committee.

Jason Fetter, with a Master of Business Administration degree and a Law degree is Vice-President of Upson-Walton. As the Sales and Purchasing Manager for Muncy Machine & Tool and Upson-Walton, Jason is also extremely involved in the vision of Muncy Machine & Tool. He is developing new sales opportunities throughout the world.

"Muncy Machine has grown because of the collective efforts of everyone who has worked for the company." Jim said as he reflected over the last 60 years of the company. With a lot of hard work, long hours, and thousands of miles driven (with a few speeding tickets), Muncy Machine has grown from a small general repair shop to what it is today. Jim is quick to give credit where it is due, noting that "Everyone, including our valued customers, has added to our capabilities. The company is larger than any one part or person. We have constantly been learning about wire rope industry products, new production methods and better ways of doing things." Jim is determined to continue the company tradition of providing fast quality service at competitive prices to serve our customers. Here at Muncy Machine & Tool, we feel fortunate to be working with so many great people in our important industry.



Muncy Machine & Tool today.

Originally Muncy Machine manufactured wire rope fittings for the wire rope mills in the area. This included threaded studs, swage buttons, and spelter sockets. In the

swage sockets and flemish eye sleeves. New product lines were added to the Upson -Walton line to include aluminum swage sleeves, aluminum buttons, and one-piece duplex sleeves, two-piece duplex sleeves, thimbles,

QC21

The Clear Choice!

Quality Control For the 21st Century



SYNTHETIC WEB SLING TAG

- Transparent
- UV Light Resistant
- Permanently Attached
- Available in English and Spanish (with Metric Conversions)
- Abrasion Resistant
- Fade Resistant
- Permanent Identification
- Permanently Traceable (no ink marker for serial number or length)

The ONLY Synthetic Sling Tag Permitting Visual Inspection

(Patent Pending)

"ISO 9001:2000 REGISTERED QUALITY MANAGEMENT SYSTEM"

For more information contact: **Barney Dugan**

Phone: 913-669-1060

Email: bdugan@QC21Slings.com

QC21 SLING MANUFACTURING

3600 South Council Road, Oklahoma City, OK 73179

Phone: (866) 883-QC21 (7221) - Fax: (405) 745-4912 - Web: www.QC21Slings.com

MEMBER OF



TAKING THE BURDEN OFF THE WORKINGMAN SINCE 1948.

NOTHING LASTS LIKE THERN. Thern winches, hoists and cranes are built to endure decades of line pulling, load lifting and equipment positioning. They're durable and powerful, and can be easily customized to meet the rigors of manufacturing, from pulling carts to lifting doors to loading equipment. It's for these reasons that America's plant engineers and operators turn to Thern when there's backbreaking work to be done.

Call **1.800.843.7648** or visit **www.thern.com/manufacturing**.



THERN
LEAVE THE HEAVY LIFTING TO US.



**THERN SOLUTIONS FOR
MANUFACTURING LIFTING AND PULLING.**
Free download at www.thern.com/manufacturing



WE CAN HELP!

When it comes to magnets for holding, lifting, fixturing, welding and related fabrication applications...

We stock over 1000 items available for same-day shipment and we specialize in custom magnets, so ***don't settle for less than the best.***

Our products are designed for accuracy, efficiency and safety. ***WE GUARANTEE IT!***

Visit www.magnetics.com/ads/ and use promo code **SMRC09** for more information on our product offerings.



INDUSTRIAL MAGNETICS, INC.
A FULL-SERVICE MANUFACTURER OF STANDARD & ENGINEERED SOLUTIONS
888.582.0823 ■ WWW.MAGNETICS.COM

Wire Rope Slings

Winches

Shackles

Call 708-647-4900

RENTAL

ASC INDUSTRIES, LTD.

WE LIFT AMERICA

DIVISION

www.ascindustries.com

Hydraulics

Lifting and Spreader Beams

Material Lifts

Man Cages

Hand Chain Hoists

Lever Hoists

Clamps

SCRA

PYTHON AMERICA HIGH PERFORMANCE WIRE ROPE

SLINGMAX RIGGING SOLUTIONS

e-mail: info@ascindustries.com

Fax: 708-647-4993

McKISSICK BLOCKS® QUALITY BUILT

Time tested and work proven.....

McKissick® blocks, overhaul balls and sheaves have been leading the way for more than 65 years, and have been utilized in the most demanding applications in every corner of the world. Only McKissick® offers world class products with unequalled service and customer support behind each one. Whether the items you require are standard off-the-shelf, or specially engineered, demand McKissick®.....the original.



Snatch Blocks



380 Series
Crane
Blocks

680 Series
Construction
Blocks

Roll
Forged™
Sheaves

UB-500
Overhaul
Balls

380 Series
Easy Reeve®
Crane Blocks

McKISSICK®
Your Total Block Company

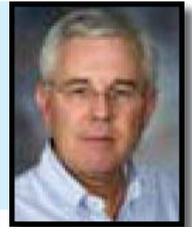
the Crosby® group, inc.

The Crosby Group Inc.
P.O. Box 3128 • Tulsa, OK 74101
(918) 834-4611 • Fax: (918) 832-0940
www.thecrosbygroup.com
crosbygroup@thecrosbygroup.com

Report from the AWRF Scholarship Committee



John Rauh
Putnam, CT
860-928-0475
cworks@hotmail.com



AWRF funds through your donations the first four scholarships. This year, Kulkoni, Inc of Houston, TX has established a trust to fund the Jurgen Prohaska Memorial Scholarship which was accepted by the Board in April of 2009. Jurgen was the AWRF President in 1992 and 1993, and a long time contributor to our industry. The final sixth scholarship is the Larry Boeckel Memorial Scholarship. Larry was the marketing manager for Cooper Tools/Campbell Chain, and was a unique individual in our association. This scholarship is funded yearly by the "16 guys golf outing" of his AWRF friends.

I would like to thank Brad Fowler Cochairman of D & M Wire Rope-Grand Junction, CO for his long stewardship of the Scholarship Committee. All of these wonderful applications were read carefully by my committee. I would like to thank Michelle Bellows of Alloy Sling Chains, Ltd-East Hazelcrest, IL, John Fireovid of Tri-State Wire Rope Supply, Inc.-Cincinnati, OH, Tim O'Rourke of Strider-Resource Branford, Ontario, Mark Reeves of Wirerope Works Inc.-Williamsport, PA, and Anne Renfroe of J.C. Renfroe and Sons of-Jacksonville, FL. They are ones who plowed through our applications to find this year's winners. Thank you for your continued support of the Scholarship Committee.

John Rauh & Brad Fowler, Co-chairmen

SCHOLARSHIP WINNERS 2009



Kelly R Cannon
Winner of Larry Boeckel, 16 Guys Scholarship
Mazzella Lifting Technologies
Univ of Alabama



Emma C. Napieralski
Napco & Associates Inc
University of Minnesota



Rachel R. Stowe
Winner of the Juergen Prohaska Scholarship
Columbus McKinnon
UNC Chapel Hill



Allyson Groves
Hercules SLR
St. Thomas University



Austin J. Albury
Loos & Co. Inc.
Florida State University



Shaye Seward
Boise Rigging Supply
Boise State University



SEA-LAND DISTRIBUTORS, LLC

Wholesale Rigging Products

www.sea-landdistributors.com



LUBRICANTS



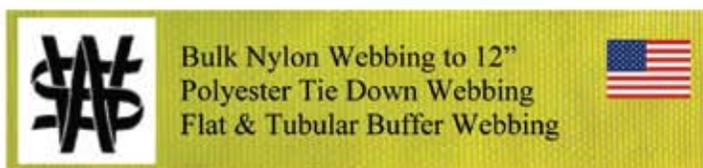
Sea-Fit, Inc.



New Made in USA Marlin Spikes
Hardened & Polished



- We Also Stock
- Imported Hardware
 - Imported Chain
 - Stainless Steel Hardware
 - Rigging Vises
 - Hand Swagers & Cutters
 - Hawser Thimbles



Chicago Hardware & Fixture Co.



American American American
Made Owned Quality

Website: www.chicagohardware.com Email: info@chicagohardware.com

DROP FORGED PRODUCTS

Turnbuckles
Shackles
Wire Rope Clips
(also malleable)
Machinery Eye Bolts
Eye Bolts
regular & shoulder
Eye Nuts
Rod Ends: *blank & machined*
Ring Bolts
Hooks
Swivels
Pad Eyes
Yoke Ends

WIRE PRODUCTS

"S" Hooks
Turned Eye Bolts *(threaded)*
lag, mach. or welded
U-Bolts *(galv. & zinc)*
rd., sq. & long tangent
Threaded Rod

SPECIAL PRODUCTS

Manufactured to Specifications

OTHER PRODUCTS

Alloy Steel Hoist Rings
Wire Rope Thimbles
Bevel Washers
Clevis Pins
Coupling Nuts
Plated Steel Shapes
Brass - *rounds, flats & angles*

STAINLESS & METRIC *(check availability)*

Eye Bolts & Eye Nuts
U-Bolts
"S" Hooks
Wire Rope Clips
Blank Rod Ends
Threaded Rods

HEADQUARTERS:

Franklin Park, Illinois
(847) 455-6609

WAREHOUSE LOCATIONS:

Chino, CA (909) 591-1099
Monroe, GA (770) 266-5600
Houston, TX (713) 664-7722



Safety is our First Priority

Quality, Reliability, Innovation.

We create innovative solutions to solve the difficulties faced in the lifting, construction, material handling and personal safety harness fields.



Grade 80 Lifting Chain & Fittings



Wire Rope Terminators & Shackles



Hoist Ring and Lifting Points



Snatch Block



PPE Safety Components



Contact Angular Swivels

Quality Type Approval by:



YOKE INDUSTRIAL CORP.

39, 33rd Road, Taichung Industrial Park,
Taichung 407, TAIWAN

Tel: +886-4-2350-8088

Fax: +886-4-2350-1001

E-mail: info@mail.yoke.net

www.yoke.net

DISTRIBUTOR COMPUTER SYSTEMS EXPANDS THE DIMENSIONS OF SOFTWARE

the only comprehensive solution for the wire rope industry



The Mount Laurel, NJ-based Distributor Computer Systems, celebrating its 25th anniversary, was the first software vendor to offer a total solution to the wire rope industry. It still maintains its leadership position, and continues to do so by continually pushing its software development to new dimensions.

The company got its start at a time when DCS president Marshall Campbell was working for Western Union. At the time there were six plumbing and heating companies who were involved in a tremendous amount of computer interaction, so Western Union purchased this aspect as a subsidiary. In 1984, vice president Kathryn Thomas and Campbell, who was president of the subsidiary, purchased it from Western Union. DCS still provides distribution software for plumbing and heating, as well as electrical and industrial companies. In

1985 DCS got involved in the lifting and load securement industry and developed its first wire rope, chain and webbing fabricating software - which now comprises about 40 percent of its business. DCS handles all of the software needs for a rigging shop, except payroll. This includes everything else from order entry to general ledger posting to the production of financial statements. The primary focus of the DCS software, however, and what it is designed around is inventory. "We've provided unique and flexible tools to allow fabricators to maximize purchasing opportunities," Campbell says.

He explains that "There are several things about the wire rope industry which sets it apart in terms of the inventory control that is needed. In a manufacturing environment, you set up the line to produce a specified number of finished items

and then put them on the shelf. In this industry you produce a specified product requested at 10 AM and the product is required by 2 PM that same day. This approach required significantly different software. For instance, the wire rope and sleeves required for creating eyes at the end of a sling is a simple one, but they get more and more complicated." In terms of the wire rope itself, Campbell continues, "it's stored on reels. It's important to know how much of each reel is used, and how much remains on each reel. "It's very rare to find anyone in the world who can provide an accurate way of tracking all this," Campbell says.

He adds that, "With the great concerns about safety and accident liability, you must have a record of every sale you made and who you sold it too, so that if there is an accident, and you didn't sell the party a faulty assembly, you have the proof to back it up.

DCS is remaining in the vanguard by providing the software component to the new radio frequency identification (RFID) tagging systems that are coming to the industry. RFID is replacing the time-consuming and error-prone manual system of inspecting assemblies in the field. Instead of the inspector manually filling out inspection forms, and then taking them to the office where the results are manually entered into a computer, this process is now automated. The inspector punches in the results of what he finds which can be transmitted automatically to both his own rigging shop office as well as to the end user. Better scheduling, more reliable information, and more efficiency with less cost are the result.

But, in addition to the advantages of RFID in the field, Campbell

continues, "You get information extremely important for marketing and sales. If an assembly has completed its life cycle or needs to be repaired, you have the information needed to sell the replacement products, as well as the opportunity to sell add-ons."

Although load testing has been around for a long time, what is new in the DCS software is the integration of load testing with all of the other relevant computerized data, as another way of both consolidating information and increasing safety.

Still another area of DCS integration is that with Electronic Data Interchange (EDI). EDI has also been around for awhile. But now, Campbell says, the fabricators' larger customers are more and more demanding that their suppliers utilize EDI for the latter's purchases. This means that the older process of orders coming in, in a variety of ways, being input into a computer and processed in different formats is not only too manual and time-consuming; it is also becoming increasingly obsolete. The DCS software now makes the exchanges between the fabricator and his customers from purchasing to shipping to billing automatic.

One of the features the DCS software has had from the start is the ability to bring different components together into kits to design and track the costs. Now, Campbell explains, there are many kits, or sub-assemblies, put together to form larger and larger kits. "Ours is one of the few software packages that have the complete capability of understanding inventory on a first-in, first-out basis," Campbell says. "One of the issues that arises is that prices change over time, and buyers



can believe you are jacking up the price for products which were put together at a lower price and sat on the shelf for a long period of time. With this software, you can provide accurate data as to just how long the product has been available and the costs of the components at the time of assembly.”

DCS has long had a close relationship with AWRP. “One of our first wire rope systems was sold to Superior Wire Rope in Atlanta,” Thomas recalls. “This led to our relationship with Mazzella Lifting Technologies in Cleveland. Tony Mazzella invited us to attend the AWRP meeting in San Francisco in 1988, and we joined in January, 1989. I believe it’s significant that we have never missed a meeting.”

Thomas says that the constant interaction and networking with AWRP members has helped keep DCS current with what’s going on in the industry, what the needs of AWRP members are, and so has helped keep DCS on the cutting edge of software.

Although DCS first opened through leased facilities in Cherry Hill, NJ, it eventually moved to its current, owned, 3500 sq. ft. facility in Mount Laurel, in an attractively designed setting, with gardens, ponds, waterfall, bar-b-que and picnic area. “We bring people here to train them and try to make them comfortable,” Thomas says.

In addition to Campbell and Thomas, two of the key personnel in the company are Ron Liberto, general manager of systems and software development; and Campbell’s son, Bryan Campbell, marketing manager.

There are 12 full-time employees and one part-time secretary. Bryan explains that the employees have both a technical and business

background, which allows them to understand a customer’s business, and design the software so there is a good fit.

DCS has sold its software to most of the 50 states, including Hawaii and Alaska, as well as Europe and some far-away places such as Dubai, part of the United Arab Emirates.

“We are available most of the time,” Thomas says. “from 7 a.m. to 8 p.m. Monday through Friday, and 8 a.m. to 5 p.m. on Saturday.” She adds that their private numbers are given to their customers so they are available at any time, in case of emergencies.

The DCS service goes further than simply supporting its software. “We had an occasion with a client when they first joined us,” Thomas recalls. “Their sales manager went to work for someone else and their accountant was out very ill. So some of our personnel worked at the client’s location, supporting their accounting department, simply because they needed help.” Thomas recalls a number of stories along these lines.

Campbell says that, especially in terms of the comprehensiveness of the DCS software, “We don’t have any significant competitors.” Yet, of that portion of the AWRP membership which is made up of fabricators, which is the segment the DCS software is designed for, only about one third utilize the software. Why is that?

“Some are doing it themselves with their own software,” Campbell replies. “Others think they are too small or that the software costs too much.”

Not surprisingly, Campbell doesn’t agree, and says, “We are still trying to get them all signed up as clients.”

The cost structure is a bit complicated. If you have a group of 1 to 8 employees, the initial cost is \$13,000, plus \$500 for each user. So, if you have four users the cost is \$13,000, plus \$2,000 or \$15,000. However, for the second group of 8, 9 to 16, or third group, 17 to 24, or any group of 8 after that, the basic cost is \$7,500, plus \$500 per user. There are then costs for support and enhancements charged monthly, which can range from \$300 to \$3,000 depending on the number of users.

Yet, what might first appear as sticker shock is modified when you realize that one of the main costs for software is for ongoing upgrades and new versions. For DCS customers, however, every change in the software is incorporated into the customer’s software for no added charge. Thomas maintains that the cost is justified, even in the down economy, and especially because times are tough.

“One of the biggest areas of concern now is collections. We have a lot of heavy-duty applications to help clients keep track of what has been billed, how old the debt is, and all kinds of automatic collection letters via email and fax, as well as the statements and service charges. We have a lot of resources that can help them. Inventory, of course, is an even bigger issue now. If our clients can get better at handling their inventory, and we provide training for that, so they have just enough at the right time, but not too much, it’s a winning situation.”

Meanwhile, the company is continually working to improve its software. “We have some 300 changes, large and small, in the works,” Campbell says. “And each improvement won’t cost our clients a penny.”



Baydar & Associates Inc.

10 Ragged Lake Boulevard, unit 7
Halifax, Nova Scotia
Canada
B3S 1G2

Phone: (902) 445 2535
Fax: (902) 445 3334
Email: Info@baydar.ca
Website: www.baydar.ca



QUALITY Products

Swaging Machines and other Equipment

From Sahn Splicing International GmbH *Germany*

and Unisplice Ltd. Sahn Group of *England* 

- Annealing cutting (taper and weld) machines
- Swaging Dies
- Test benches

Carbon Steel Sleeves (Flemish Eye)

- Made in the USA
- Available from 1/4" up to 4-1/2"

EN 13411-3 Aluminum Oval Ferrules

- Available from 6mm to 60 mm

DIN 3091 European Solid Thimbles

- Available from 8 mm to 80 mm
- Other European thimbles and DIN sockets

General Purpose Wire Rope

From Celik Halat of Turkey

Also Swaged, super swaged, single strand, elevator and other ropes

Crane Ropes

From Drahtseilwerk Bremerhaven GmbH

- Rotation Resistant 35x7 class ropes
- 3,4,6 and 8 strand ropes
- Large diameter ropes
- Stainless Steel and special ropes
- Round strand and compacted

Mooring Ropes

Also, from Drahtseilwerk Bremerhaven GmbH

- Atlas® and Dura-Winchline



In stock products shipped from Halifax, NS Canada and Houston TX, USA warehouse locations

the Crosby group, inc.

GENERAL OFFICES 2801
DAWSON ROAD (74110-5040)

P.O. BOX 3128 TULSA,
OKLAHOMA 74101-3128

TELEPHONE 918-834-4611
CROSBY FAX: 918-832-8833

(Tulsa, OK) The Crosby Group is pleased to announce the first commercially available wedge socket that significantly improves the termination efficiency of the high performance, high strength, compacted strand and rotation resistant wire ropes used with cranes. The innovative design of the new Crosby Super **Terminator™** wedge socket provides the following benefits:

- By controlling the seating of the wedge at the time of assembly, the termination has resulted in efficiencies of most ropes above 80% of the catalog breaking strength of the rope, depending on the unique construction of various ropes.
- The mechanical system employed by the new design allows one person to overcome the “stiffness” associated with high performance, high strength, compacted strand and rotation resistant wire ropes and easily assemble the termination.

Another key feature of the **Super Terminator™** is that it is available as an assembly or as a kit that can be retrofitted into existing Crosby S-421 Terminator™ wedge sockets. It also eliminates the “first load” requirement of conventional wedge socket terminations. Initially, the new **Super Terminator™** will be available in sizes from 5/8” through 1-1/4”, and will be in stock early Fall 2009.

The Crosby Group, Inc., headquartered in Tulsa, OK, USA is the world’s leading supplier of accessories used in material handling applications utilizing wire rope, chain and synthetics.

Patent Pending

The Crosby Group markets a line of premium accessories used in material handling and rigging applications. Based in the US, the company has the reputation around the world for providing a broad range of products suitable for the most demanding of operating conditions with uncompromising quality. Products include wire rope clips, hooks, shackles, lifting clamps, hoist rings, overhaul balls, snatch blocks, crane blocks and sheaves. Crosby also provides a “world class” training program, focusing on the proper usage of Crosby Products.

For more information, contact
Ron Vanderslice @ (918) 832-5383



the Crosby group, inc.

GENERAL OFFICES 2801
DAWSON ROAD (74110-5040)

P.O. BOX 3128 TULSA,
OKLAHOMA 74101-3128

TELEPHONE 918-834-4611
CROSBY FAX: 918-832-8833

(Tulsa, OK) The Crosby Group is pleased to introduce the new Patented Split-Nut Retention System for shank hooks used in standard McKissick® 380 Series and Easy Reeve® crane blocks. The new innovative Split-Nut eliminates the conventional threaded nut and problems associated with nut removal for inspection. The new retention system allows for easy inspection of the shank hook as required by applicable ASME B30, CSA Z150 and other specific crane standards. In addition, the Split-Nut allows for repeat installation and removal without damaging the hook/nut interface, and is now standard for all McKissick® 380 Series and Easy Reeve® Crane blocks up to 80 tons.



The Split-Nut can be purchased in a variety of configurations that can be used to retrofit selected McKissick® blocks including larger crane blocks, bridge crane blocks and 80 series oilfield tubing blocks. In addition, the Split-Nut can be used to replace existing hooks on existing crane blocks currently in the field (most manufacturers make and models) and on specially designed lifting equipment.

To find out more about the new patented McKissick® Split-Nut Retention System, contact The Crosby Group at (800) 797-4611 or visit www.thecrosbygroup.com.

The Crosby Group markets a line of premium accessories used in material handling and rigging applications. Based in the US, the company has the reputation around the world for providing a broad range of products suitable for the most demanding of operating conditions with uncompromising quality. Products include wire rope clips, hooks, shackles, lifting clamps, hoist rings, overhaul balls, snatch blocks, crane blocks and sheaves. Crosby also provides a “world class” training program, focusing on the proper usage of Crosby Products.

products of uncompromising quality . . . CROSBY Clips & Fittings, LEBUS Load Binders, McKISSICK Blocks & Sheaves, CROSBY - WESTERN Blocks, NATIONAL Swaging Systems

For more information, contact
Ron Vanderslice @ (918) 832-5383

<http://www.nacm.info>

Navigating the website of the National Association of Chain Manufacturers



Welcome to the National Association of Chain Manufacturers

Address: NACM
Post Office Box 89014
Tucson, AZ 85752-9014

Phone: (520) 886-0695

E-mail: NACMoffice@att.net

NACM - representing domestic manufacturers of welded and weldless chain since 1933. Our members provide a wide range of chain products such as stainless steel chain, galvanized chain, decor chain, double loop chain, Grade 80 and Grade 100 chain, and tow chain. NACM specifications are available free at this web site, for use but not resale. Click on the tab to create a downloadable copy. Additional information is also available at our members' web sites listed below.

NACM is the primary source for information about welded and weldless chain in the United States. NACM has represented domestic chain manufacturers since 1933, making it one of the oldest industry-specific non-profit trade associations in the nation.

About NACM

One of industry's most informative websites is posted and maintained by the National Association of Chain Manufacturers, based in Tucson, Arizona. The NACM is a non-profit trade organization founded during the Great Depression by domestic chain makers in the United States. At the time, the federal government encouraged the formation of similar business leagues in an effort to simplify the variety of common products being made in the USA.

Information about the members of NACM and their postal addresses can be found on NACM's website <http://www.nacm.info>. As of 2008, the members of NACM and their individual websites are:

Columbus McKinnon Corp., Amherst NY	www.cmworks.com
Cooper Hand Tools (Campbell Chain), Raleigh NC	www.coopertools.com
Laclede Chain Manufacturing Co, Fenton MO	www.lacledechain.com
Peerless Chain Co., Winona, MN	www.peerlesschain.com
Perfection Chain Products, Vinemont AL	www.perfectionchain.com
Suncor Stainless Inc, Plymouth, MA	www.suncorstainless.com
Turner & Seymour Mfg. Co., Torrington CT	www.turnerseymour.com

NACM Specifications

For the last forty years, members of the National Association of Chain Manufacturers have been devising model specifications for common applications of chain, with an aim toward promoting more efficient application of the correct chain for the intended purpose. In 2002, in an effort to make these copyrighted model specifications more readily available to the general public, NACM began posting the specifications on its website <http://www.nacm.info>.

As of 2008, three sets of updated NACM specifications now can be downloaded free of charge by anyone. The three specs carry the titles: Welded Chain, Weldless Chain, and Tire Chain. The association encourages the use of various sizes, grades, and descriptions of chain meeting these specifications, but NACM does not inspect, approve, or certify products as complying with the requirements of these documents. The only restrictions applicable to anyone downloading the specifications are the limits of the USA copyright laws which forbid reselling them.

The specifications are presented in Adobe Portable Data File format (i.e. the dot-pdf extension) for easy and accurate printing, covering many traditional products such as Proof Coil Chain and Plumbers Chain and new products such as Stainless Steel Chain and Grade 100 Chain for lifting slings. Nine varieties of carbon steel and alloy steel welded chain specifications, seven varieties of weldless chain specifications, and all of the most common North American tire chains are posted. NACM has a policy of updating its specification files every five years to keep them current.

Other useful NACM information

In addition to the physical characteristics of the various kinds of chain, other important advisories have been developed by NACM for the benefit of the public. Terminology such as the commonly-used phrase "overhead lifting" has been formally defined by NACM; the only organization to do so. Definitions have been posted on the website to assist the public. The limits of NACM's sector of interest are also clearly defined. Chain-like merchandise and items that look like chains such as roller chains or bicycle chains do not fall within the NACM sector.

Use of NACM Specifications by other groups

NACM willingly cooperates with other groups (in particular those involved with standards writing) and welcomes inquiries related to information found on its website. For example, an open dialog with the U.S. Government Department of Labor's Occupational Safety and Health Administration has been maintained for the last 12 years leading to clarification of plain language Guidance on Safe Sling Use advisories. The leading publisher of national consensus standards, ASTM International, has relied heavily upon the NACM model specifications when its A01.27 subcommittee is writing its chain standards. ASTM, in turn, has published A906/A906M, a US national standard for chain slings, which for many years was the only national consensus standard for any variety of lifting sling.

In addition to ASTM and DOL-OSHA, other national and international bodies communicate periodically with NACM with regard to chain items which represent a small part of their larger body of standards. This includes recognized standards-writing groups such as: the Association of American Railroads, the Society of Automotive Engineers, the American Galvanizers Association, the Entertainment Services & Technology

Association, the Federal Motor Carrier Safety Administration, and several others. Likewise, a number of state regulatory bodies in locations where the use of automotive chains for snow and/or mud travel is a matter of law also do so. The Technical Committee of NACM meets at irregular intervals to review and update the NACM Specifications, and to study other standards and specifications.

On-going NACM projects

In 2009, NACM began a dialog about chain slings with NCCER, publishers of the Contren Learning Series textbooks that are widely used by craft-training trade schools in the USA. Two years ago, NACM joined with the Pennsylvania Historical and Museum Commission to erect a permanent roadside historical marker celebrating the bicentennial of James Finley's 1808 chain bridge patent, the first American suspension bridge patent.

New features which may be added to www.nacm.info soon include a roster of website links of interest to chain users, a collection of answers to frequently-asked-questions, and several other planned additions now in the development stage. Suggestions for improvement of the NACM website can be e-mailed to: NACMoffice@att.net

Synthetic Sling End Fittings

**NEW For
Type 1 & 2 Slings**



**Web-Trap™
Triangles &
Chokers**



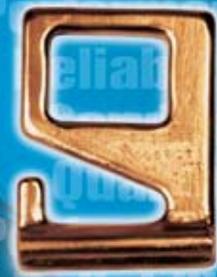
**Or Use The
Unilink™
For Both Ends**



**Web Quick Disconnects
For Pipe Slings**



**Barrel Hooks
For Drum Slings**



**G-Links™ To Connect
Slings To Hardware Or
Make Quick-Choke™ Slings**



**THE
CALDWELL GROUP**

5055 26th Avenue • Rockford, IL 61109
Phone 815/229-5667 • Fax 815/229-5686

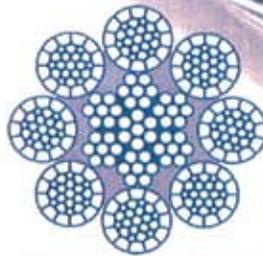
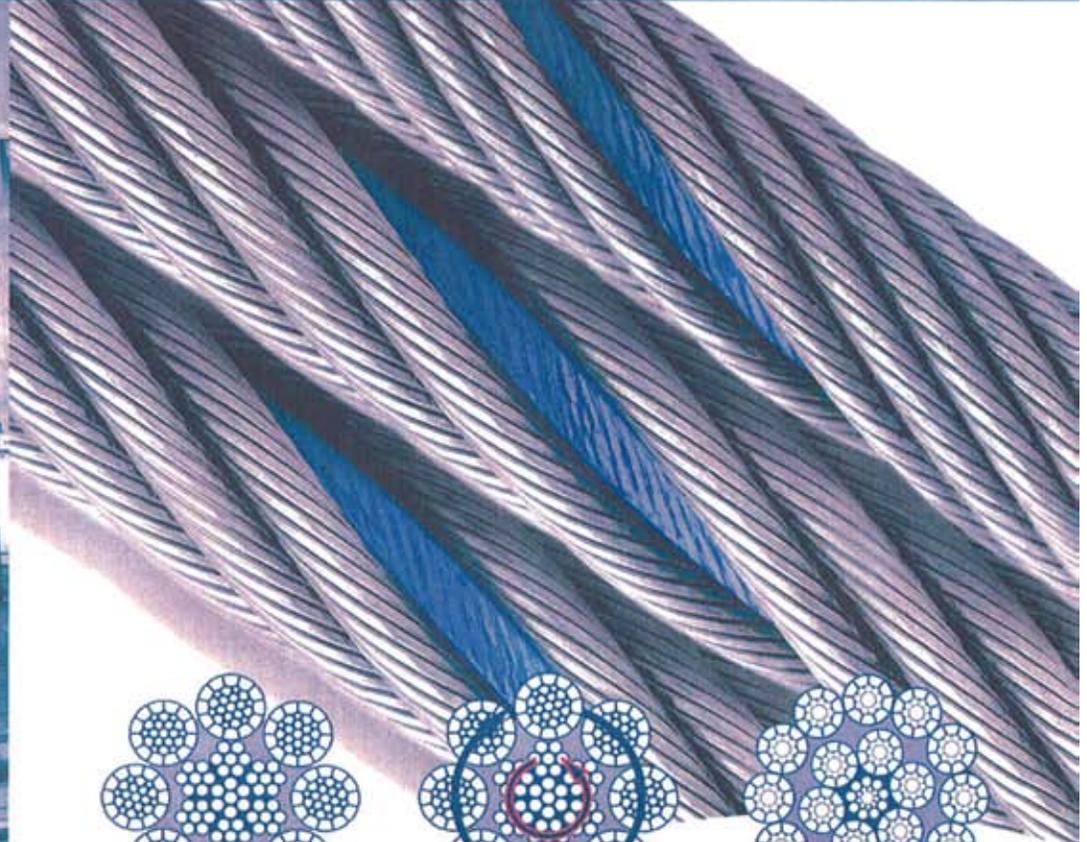
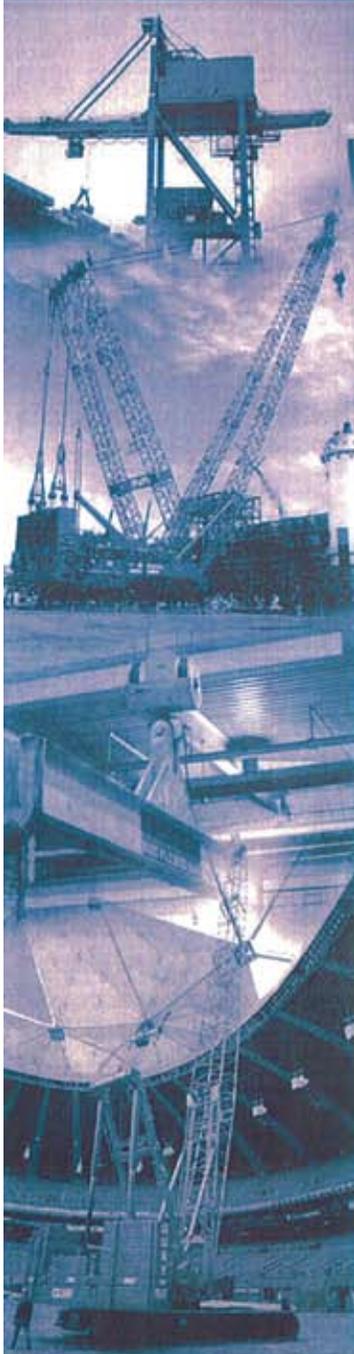
1-800-628-4263 or www.caldwellinc.com



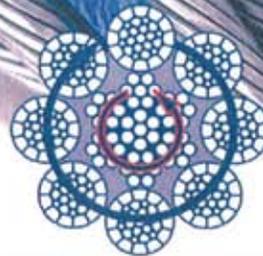
WIRE ROPE INDUSTRIES LTD.

SURELIFT®

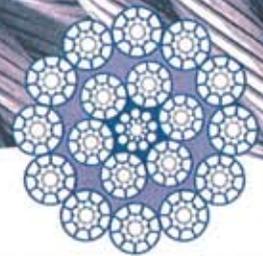
Cushion-Pac® 8, 8RL and 18



Cushion-Pac® 8



Cushion-Pac® 8RL



Cushion-Pac® 18

Raises performance · Lowers operating costs · Lift after lift!

- Significantly increases cycle life
- Enhanced Inspectability
- More than twice the rotation resistance of conventional ropes
- Reduces maintenance and downtime



WIRE ROPE
INDUSTRIES LTD.

Ropes that Outperform.

Contact your nearest Wire Rope distributor
For information call 1-888-889-6666

www.wirerope.com

Does your Products Liability Insurance
have your business hanging by a thread?



Most other insurance companies are
raising rates or non-renewing coverage...
SIGNAL is the stable choice.



SELECT INSURANCE GROUP OF NORTH AMERICA, LTD.

Hamilton, Bermuda

Managed by:

Meadowbrook Risk Management,
Hamilton, Bermuda, (441) 292-7569

For more information, contact:

Bernie Martin (415) 285-1954 or michelle.lemoine@meadowbrook.com

In 1987, wire rope fabricators and distributors found it difficult to obtain adequate products liability insurance at consistent, affordable rates. That crisis prompted a group of wire rope fabricators and distributors to form their own insurance company— Select Insurance Group of North America, Ltd. (S.I.G.N.A.L.).

Facing similar conditions today, S.I.G.N.A.L. provides a stable insurance alternative to the traditional insurance market, and also offers stabilization. S.I.G.N.A.L. is the source for a competitive products liability insurance program with added value.

SIGNAL Advantages:

- Coverage Stability
- Competitive Premiums
- Focused Loss Prevention Service
- Responsive Claims Service
- Policyholder Owned
- Long Term Commitment

GENUINE JOHNSON



Shorty J Blocks



Wedge Sockets



Swivels



Overhaul Balls

Gunnebo Johnson Corp. is the crane industry's most trusted supplier and partner. We deliver products you can depend on ... year after year, under the toughest conditions to your most rigid standards.

DURABILITY • AVAILABILITY • ADAPTABILITY • VALUE

GUNNEBO JOHNSON
CORPORATION

Second To None.



Corporate Office: 1240 North Harvard • Tulsa, OK USA
Toll Free Telephone: 800-331-5460 • Fax: 918-834-0984
www.gunnebojohnson.com



JOIN THE REVOLUTION



Reaching New Heights With Harrington

Harrington's CF hand chain hoists are the most reliable yet economical hand chain hoists on the market today. These hoists are used in thousands of applications in commercial, industrial, maintenance and construction industries.

Whether you are building a bridge or a ship, planning a power plant outage or pulling a generator for maintenance and repair, these hoists have the portability and ease-of-rigging needed to efficiently get the job done.

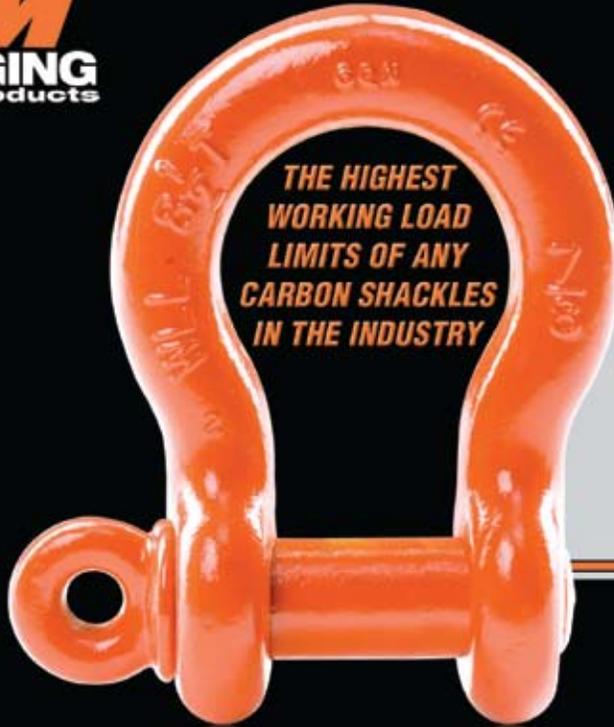
- CF Model capacities 1/2 Ton through 5 Ton
- Rugged die-cast aluminum body provides exceptional strength
- Pre-lubricated sealed ball bearings for long life and low maintenance
- Weston-style load brakes for positive braking action
- Designed with fewer parts to simplify maintenance

Join the Revolution and visit us at www.harringtonhoists.com

HARRINGTON
HOISTS AND CRANES

Manheim, PA/800-233-3010
Corona, CA/800-317-7111

A Kito Group Company



**THE HIGHEST
WORKING LOAD
LIMITS OF ANY
CARBON SHACKLES
IN THE INDUSTRY**

SUPER STRONG SHACKLES

- Outperform standard quenched & tempered carbon shackles
- Meet or exceed federal specification RRC-271D & ASME B30.26
- Working load limit & traceability codes shown as permanent markings
- Rated for overhead lifting
- Made in USA

Redefining Rigging

www.cmindustrial.com

800-888-0985 • Fax 716-689-5644

Flat or Round, Big or Small... SafeHold® can Lift them All!

Eriez' offers the widest selection of compact permanent lift magnets. **SafeHold®** is available in four different styles to meet any price or performance requirement. Safely lift up to 10,000 lbs with a 2:1 safety factor.



SafeHold RPL Series
4 models to 3,500 lbs



SafeHold XPL Series
4 models to 2,400 lbs



SafeHold EPL Series
8 models to 10,000 lbs



SafeHold APL Series
4 models to 5,800 lbs

**Get Your
FREE**



**"How To Choose & Use"
Lifting Magnets**
18 page guide

888-300-3743
www.eriez.com



Where do we come from? What are we? Where are we going?

Continued from page 3

website” might not be on your front burner, it is an important tool for the next generation member and prospective member. It is up to current and future boards to ensure that AWRWF retains current membership and attracts new candidates, by positioning itself on the forefront of available associations. The way we, individually and as companies, communicate is changing rapidly these days. We are working on accommodating the new without alienating or forgetting the tried and true.

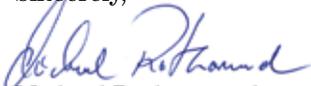
All in all, it was an honor to serve all of you, first as a board member and most recently as president of the association. I have made many more friends and I have learned a lot from this experience.

Thank you all once again for your trust and for your help.

Remember, your participation in association business is a valuable part of its assets. Let board members know how they are doing. Criticize, ask and, most importantly, add your input.

Hoping to see you all at our next, no doubt outstanding, convention site,

Sincerely,


Michael Rothermund



Your source for
recommended
standards for
web slings,
roundslings
and tie downs.

Join us in Hawaii in 2010
May 17-21, 2010 • Maui, Hawaii

www.wstda.com

Ultra Pillow-Flex

Most Comfortable Harness Ever Worn



Stretch Torso



**Quick Release
Buckles**



Padded Legs

1-800-850-5914
www.ultrasafeusa.com



OPERATION OF TECHNICAL SUBCOMMITTEES

1. Written notice of TC meetings anticipating recommended *P&G* action, shall be given at least thirty (30) days prior to meeting date. Regular subcommittee meetings, which may be conducted in conjunction with TC meetings, shall be announced no later than ten (10) days in advance. For regular TC or subcommittee meetings, a majority of the respective participants must be present in person (not by proxy) in order to constitute a quorum. When a TC or subcommittee quorum is properly convened, all issues shall be decided by the vote of a majority of those present in person. Subcommittee meetings may be conducted by conference call with the permission of the TC Chairman. Voting method shall be within the discretion of the respective Chairmen, i.e., recorded voice or hand vote, written ballot, etc. Each subcommittee which is declared “active” by the TC Chairman shall hold periodic meetings. The subcommittee Vice Chairman shall preside over the meeting in the absence of the Chairman. Oversight of “inactive” subcommittees shall be the responsibility of the TC Chairman who shall annually record reasons for the status of each inactive subcommittee. Special TC or subcommittee meetings may be held without formal notice by call of the respective Chairman, but no vote may be taken or resolution adopted regarding substantive issues at such special meeting.
2. TC and subcommittee meetings shall be open to the general membership at all times. AWRF members who desire to attend shall notify the respective Chairman of plans to attend in advance of the meeting. Similar requests from non-members of the Association shall be entertained subject to approval of the TC Chairman. No reasonable request shall be denied.
3. Subcommittee Chairmen shall report the activities of subcommittee meetings (whether regular or

special) as well as other subcommittee activities to the TC Chairman, addressing all projects with particular emphasis on recommended *P&G* progress development. Subcommittee Chairmen shall maintain minutes of meetings to be available for inspection by the Association board of directors and/or the TC upon request. Copies of all records and drafts shall also be available for inspection by the Association board and/or TC upon request.

4. Each subcommittee Chairman should seek representation by manufacturers, distributors, users and other interested parties including government regulators and academics, where appropriate. Interest groups shall be divided as equally as possible. As a condition of voting membership on a subcommittee, all applicants and prospects for membership shall make full disclosure of their affiliations, employment, and interest in recommended *P&G*. Other participants shall identify themselves and respond to any reasonable inquiries of the TC Chairman or subcommittee Chairmen. A proprietary interest in the results of recommended *P&G* shall not disqualify the interested party from fully participating in its development but shall be disclosed to the appropriate subcommittee and TC Chairman. Such information shall be available to the board of directors of the Association upon request.
5. Responsibility for dissemination of appropriate subcommittee data shall rest with the subcommittee and TC Chairmen subject to the GDA (Exhibit B).

Section V

PROCEDURES FOR CONSIDERATION OF PROPOSED RECOMMENDED *P&G*

Any person or entity may draft proposed recommended *P&G*, introduce modifications or submit a prototype prepared by another organization. All proposals shall be submitted to the jurisdiction of the TC which may in turn refer such proposal to one or more subcommittees. Dissemination

of subcommittee or TC work in progress shall be controlled by the respective Chairmen with the exception that no drafts shall be circulated outside the body which has the proposed recommended *P&G* under consideration without the authorization of the board of directors. Preliminary and final subcommittee drafts shall be circulated among the members of the subcommittee. The TC shall review all final subcommittee drafts, approval of which shall be based upon a consensus of the full Committee. Both subcommittee and TC voting records shall be memorialized with dissenting commentary, if any. Following TC disposition, drafts shall be submitted for review by all interested participants of the industry and the public where circulation shall be as broad as practicable and subject to the GDA; relevant comments shall next be considered by the appropriate TC subcommittee(s), followed by the TC as a whole; next the proposed *P&G* shall be submitted to the board of directors for consideration, and finally, to the Association membership. All pages of drafts shall be dated, labeled “DRAFT” and “PROPERTY OF AWRF” in bold, conspicuous print. Invitations to the public for comments regarding recommended *P&G* drafts shall be within the discretion of the subcommittees and TC. Dissenting comments at all levels of the process shall be addressed by the entity with current jurisdiction over the draft, i.e., subcommittee, TC, board of directors, etc. Individuals submitting comments regarding proposed recommended *P&G* shall disclose their affiliations, employment and interest in the document. Such comments shall be investigated by the body with current jurisdiction.

Section VI

CONSENSUS

Consensus indicates comprehensive (but not necessarily unanimous) concurrence with reference to any proposed recommended *P&G*. Without consensus no recommended *P&G* may be adopted by AWRF. At the final level of voting, a minimum vote of two thirds of those AWRF members present and eligible to vote shall be required to

establish consensus. The Association shall determine those non-member participants, if any, entitled to vote at the final level of consideration of a proposed recommended *P&G*. Any persons so designated shall be added to the consensus base. Non-voting status shall not preclude or disqualify an interested party from participation in the adoption process. An approved Association recommended *P&G* shall be published so as to notify all interested parties within and outside the Association membership body subject to the GDA. Copies of Association recommended *P&G* shall be available to the public upon request for a reasonable cost.

Section VII

DISPOSITION OF RECOMMENDED *P&G* ADOPTED BY AWRF

Once adopted by AWRF, recommended *P&G* may be submitted to one or more selected standards writing bodies for potential adoption in whole or in part as a consensus standard. The Association shall cooperate with all legitimate private or public sector entities interested in the promulgation of voluntary consensus standards which are to be based upon AWRF adopted recommended *P&G*, by furnishing relevant information (including criticism) generated by the Association at various levels of consideration. The nature and extent of the Association's involvement in any other entity's follow-up standards writing process (based upon AWRF adopted recommended *P&G*) shall be determined by the AWRF Board of Directors, but no reasonably requested relevant information shall be withheld. As a prelude to AWRF cooperation with an interest standards writing body, investigation and inquiry shall be conducted by the TC to identify the various interest groups involved in the promulgation of standards based upon AWRF adopted recommended *P&G*.

Section VIII

PERIODIC RECOMMENDED *P&G* REVIEW

The Chief Association Executive shall give notice of review of all Association recommended *P&G* to the Association leadership including the TC Chairman prior to the summer

board meeting at five year intervals following the adoption of individual recommended *P&G* by AWRF. Review procedures shall be conducted whether or not the recommended *P&G* have been incorporated in whole or in part elsewhere as industry standards. Notice shall be published to the industry in general and to as many other interested parties as practicable. Review may commence earlier or more frequently than five year intervals at any time deemed appropriate by the TC Chairman or the board of directors. Interested parties shall have the opportunity to participate in the review process which shall address and answer any negative commentary. The review process shall be conducted through sequential consideration by the appropriate subcommittee, TC, board of directors, the public and finally the Association membership. As a result of the review process any recommended *P&G* may be confirmed, modified or rescinded. The results of the recommended *P&G* review shall be published and disseminated to the industry in a manner to be determined by the TC.

Section IX

DISPUTE RESOLUTION AND INTERPRETATION

Any party aggrieved by AWRF adopted recommended *P&G* may make his position known to the Association. All grievances must be in writing, addressed to the Association office and must include detailed, factual, information supporting the allegations. The grievant shall set forth his affiliations. The Association shall then address any legitimate issues raised with such fair process, procedures and dispatch as the board may direct. In the event of a reasonable request for interpretation of recommended *P&G* by any interested party, the TC shall render such interpretations via its subcommittee network if feasible and shall submit such interpretations to the board of directors of the Association for approval before responding to the aggrieved party. Interpretations of recommended *P&G* shall be published to the membership, the industry and other interested parties in a manner deemed appropriate by the board. The Association shall retain all documentation, records and correspondence involved in the grievance or interpretation procedure.

Section X

PROPRIETARY RIGHTS

AWRF shall be the sole owner of all recommended *P&G*, and any patent, copyright or trademark rights thereto. The Association within the discretion of the board of directors reserves the right to grant permission to others to copy, publish, sell or disseminate recommended *P&G* gratuitously or for valuable consideration. It is anticipated that where recommended *P&G* are used as a basis or resource for promulgation of a consensus standard by a standards writing organization such as ASTM or ASME, the proprietary rights to such recommended *P&G* shall be shared with the standards writing Association in a manner to be determined by the AWRF Board of Directors.

Section XI

RECORDS RETENTION

Work product used in the development of recommended *P&G* shall be retained by the Association.

Section XII

DISCLAIMER

Recommended *P&G* should have attached thereto a Disclaimer in substantially the same format as Exhibit D to this document.

Section XIII

REFERENCES TO AMERICAN SOCIETY FOR TESTING AND MATERIALS

"2.2.2 guide, n **B** an organized collection of information or series of options that does not recommend a specific course of action.

Discussion **B** A guide increases the awareness of information and approaches in a given subject area.

2.2.3 practice, n. **B** a set of instructions for performing one or more specific operations that does not produce a test result.

Discussion **B** Examples of practices include, but are not limited to: application, assessment, cleaning, collection, decontamination, inspection, installation, preparation, sampling, screening, and training."

Why settle for budget engineered blocks?

GET THE LATEST IN ENGINEERING & DESIGN



Twin Block

Standard & Fast Reeve Block

Tilt-Up & Snatch Block

Wedge & Fast Connect Sockets

All blocks are proof-tested and supplied with Factory Certificates
Special order inquiries welcome



Twin Systems - Custom Designs

Capacities up to 1,600 tons

Snatch & Tilt-Up Blocks

Capacities from 22-350 tons

Crane (Hook) Blocks

Fast and standard reeve models

Capacities from 5-1,600 tons

Swivels

Capacities up to 800 tons

Overhaul Balls

Capacities up to 350 tons

Regular & special application designs

NORTH AMERICAN STOCKING DISTRIBUTORS:

Waterman Supply Co.

800.322.3131 or 310.522.9698

Fax 310.522.1043 • sales@watermansupply.com



Associated Wire Rope & Rigging

800.901.1135 or 310.448.5444

Fax 310.448.5446 • sales@awrrinc.com



Sea-Link Wooden Shell Construction & Fishing Blocks

Singles – Doubles – Triples – Regular & Heavy Wooden Blocks



*All Material Factory Certified
 Wooden Shell Blocks 3" to 16"*

Associated Wire Rope & Rigging, Inc.

8125 Saran Dr., Playa del Rey, CA 90293

Ph: 800.901.1135 Fax: 310.448.5446

Email: sales@awrrinc.com

Waterman Supply Co.

910 Mahar Ave., Wilmington, CA 90748

Ph: 800.322.3131 Fax: 310.522.1043

Email: sales@watermansupply.com

ARE YOUR TAGS AS **TOUGH** AS YOUR SLINGS?



An Illegible Tag IS An Unusable Sling!

Synthetic Sling Identification System

FIRST™ Sling Technology offers the ONLY Synthetic Sling Tag available today that COMPLETELY protects ID information from abrasion and that STAYS ATTACHED to the sling.

**MOST DURABLE
TAG AVAILABLE**
**Remains
Legible,
Remains
Attached!**

System Benefits

Operations

- Quick and Clean Set Up and Production
- Secure Attachments
- Ease of Serialization and Barcode
- No Outdated ID Stock - Enhanced Availability
- No Cutting Needed - Efficient and Consistent Results

Sales and Marketing

- Product Perception - Professional Graphics and Custom Colors
- Special ID and Private Label Abilities
- Exceptional Traceability Standards
- Increased Useful Life - Cost Reduction
- Safety Support - Permanent Warnings, Metric Conversion, Bilingual
- UV Resistant



For information and Samples Contact Us at www.firstsling.com or call Toll-Free in US: **877-45FIRST (3-4778)**
Phone: 405-324-1777
Fax: 405-324-1778

We've GOT Your Snake!

Lewis Wire Rope Snake Grips

Model LSG Snake

The Lewis Snake Grip expands or contracts to grip different or identical cable and/or rope sizes as per the customer's needs.

Save time stringing up, changing and unstringing because the snake requires no special tools. The swivel and swing link go smoothly through blocks and prevent line twisting.

Install new cable by using old existing cable as pulling line. Always seize the ends of the grips by banding or taping.

Model LSG-X Snake

The LSG-X series performs the same function as the standard LSG series. The LSG-X cannot be taken apart in the middle, it is permanently attached via our new "Swivel Tube" Assembly.

This swivel tube assembly is a low profile heavy-duty friction swivel. This snake is for the customer who does not need to separate the two pulling grip elements and who prefers a very low profile swivel. The swivel is permanently greased and has the size range and working load clearly stenciled on the swivel tube assembly.



Lewis Manufacturing Co.
OILFIELD AND INDUSTRIAL SUPPLIES

3601 S. Byers (73129) • Oklahoma City, OK • 405-634-5401
Fax: 405-632-8608 • E-mail: lewisimg@aol.com • www.lewismanufacturingco.com

IN NEED? IN STOCK! INDUSCO!

One of the world's largest inventories of Wire Rope, Chain and Fittings!

Looking for a supplier that can turn your order quick? No matter what it is, or how many you need? Indusco has 200,000 square feet of inventory. That's about four football fields, sports fans. And our shelves are full. Need an item that no one else stocks? We do. We have over 6 million dollars in stocked items. The best part? Its all ready to ship. Today.

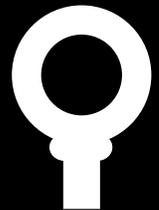
INDUSCO
WIRE ROPE & FITTINGS

800-727-0665

FAX: 800-666-0757

www.induscowirerope.com

IT'S READY TO SHIP



WIREFROPE

WIREFROPE

- The Proper Wire Rope for your Equipment
- Non-Rotating for Tower Cranes
- Metric Sizes for Overhead Travelling Cranes
- Hoist- and Boom Rope for Mobile Cranes
- Torpedo Button Installation and Testing
- UNIROPE – for Wire Rope that fits! From Stock

For full Technical Specification and Handling Instructions visit

www.uniroke.com



Please contact us by phone or email to receive this brand new and comprehensive catalogue. You will find wire ropes for all your lifting applications.



ONTARIO:

3070 UNIVERSAL DRIVE,
MISSISSAUGA, ON L4X 2C8
: 1 800 457 9997
: INFO@UNIROPE.COM

QUEBEC:

6405 ABRAMS STREET
ST. LAURENT, QC H4S 1X9
: 1 877 239 5444
: QUEBEC@UNIROPE.COM

ALBERTA:

9414 - 39th AVENUE NW
EDMONTON, AB T6E 5T9
: 1 780 644 9000
: ALBERTA@UNIROPE.COM

UNIROPE®

filtec precise inc.

engineered yarns

EHP Engineered Hybrid Power®

featuring Honeywell Spectra® fiber

Available in Two Sizes for High Performance Roundslings



Honeywell Spectra® fiber is a registered trademark of Honeywell International Inc.

218 Highway 701 North Bypass • Tabor City, NC 28463 USA • Email: info@filtec-precise.com • Telephone: (910) 653-5200

B30 Publication Update Schedule

B30 Standards Committee Publication Status (August 2009)

Standard Designation	Document Status	Publication Cycle (Years)	Projected Date of Next New Edition
B30.1 - Jacks	B30.1-2009 Issued: Est November 2009 ANSI Approval: July 14, 2009 Proofs have been reviewed.	5	2014
B30.2 - Overhead and Gantry Cranes (Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist)	B30.2-2005 Issued December 30, 2005 ANSI Approved: September 19, 2005 Revisions in process.	5	2010
B30.3 - Construction Tower Cranes	B30.3-2009 Issued: Est. November 2009 ANSI Approved: July 27, 2009 Galleys have been reviewed.	3 After the next rev.	2012
B30.4 - Portal, Tower and Pedestal Cranes	B30.4-R2009 Issued June 16, 2003 ANSI Approved Reaffirmation: Feb 2, 2009 (Subcommittee is preparing new revision to be in line with B30.3, for publication shortly after B30.3)	5	2010
B30.5 - Mobile and Locomotive Cranes	B30.5-2007 Issued March 7, 2008 ANSI Approved: November 20, 2007	3	2011
B30.6 - Derricks	B30.6-R2009 Issued June 10, 2003 ANSI Approved Reaffirmation: Feb 6, 2009 Revisions in process	5	2010
B30.7 - Base Mounted Drum Hoists	B30.7-2006 Issued December 29, 2006 ANSI Approved: November 13, 2006	5	2011
B30.8 - Floating Cranes and Floating Derricks	B30.8-2004 Issued: TBD ANSI Approved: Awaiting BSR-11 extension filed for 12 months from 1/09 BSR-8#1323 closes: October 12, 2009	5	2014
B30.9 - Slings	B30.9-2006 Issued May 4, 2007 ANSI Approved: November 13, 2006	3	2010
B30.10 - Hooks	B30.10-2005 Issued: TBD ANSI Approval: Expected December 2009 Revisions submitted for public review. BSR-8 #1314 closes: 9/15/09	5	2014
B30.11 - Monorails and Underhung Cranes	B30.11-2004 Issued February 1, 2005 ANSI Approved: October 5, 2004 Revisions approved. BSR-8 #	5	2009

B30 Standards Committee Publication Status
(August 2009)

Standard Designation	Document Status	Publication Cycle (Years)	Projected Date of Next New Edition
B30.12 - Handling Loads Suspended from Rotorcraft	B30.12-2006 Issued February 6, 2007 ANSI Approved: November 13, 2006	5	2011
B30.13 - Storage/Retrieval (S/R) Machines and Associated Equipment	B30.13R-2003 Issued June 30, 2003 ANSI Approved December 4, 2008	5	2013
B30.14 - Side Boom Tractors	B30.14-2004 Issued September 20, 2004 ANSI Approved: Jan. 22, 2004 BSR-11 extension filed for 18 months from 12/08 Revisions in process.	5	2010
B30.15 - Mobile Hydraulic Cranes	B30.15-1973 was withdrawn. Revision of the 1973 Standard included in B30.5-1982.	N/A	N/A
B30.16 - Overhead Hoists (Underhung)	B30.16-2007 Issued July 13, 2007 ANSI Approved: January 16, 2007	5	2012
B30.17 - Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoist)	B30.17-2006 Issued February 12, 2007 ANSI Approved: December 20, 2006	5	2012
B30.18 - Stacker Cranes	B30.18R-2004 Issued November 30, 2004 ANSI Approval(Reaffirmation): May 19, 2009 Revisions in process.	5	2014
B30.19 - Cableways	B30.19-2005 Issued April 28, 2006 ANSI Approved: September 28, 2005	5	2010
B30.20 - Below-the-Hook Lifting Devices	B30.20-2006 Issued January 16, 2007 ANSI Approved: December 1, 2006 Revisions in process.	3	2009
B30.21 - Manually Lever Operated Hoists	B30.21-2005 Issued July 29, 2005 ANSI Approved: February 16, 2005	5	Reaffirmation in 2010
B30.22 - Articulating Boom Cranes	B30.22-2005 Issued December 15, 2005 ANSI Approved: September 28, 2005 Revisions in process.	5	2010
B30.23 - Personnel Lifting Systems	B30.23-2005 Issued January 25, 2006 ANSI Approved: December 13, 2005	5	2010

B30 Standards Committee Publication Status
(August 2009)

Standard Designation	Document Status	Publication Cycle (Years)	Projected Date of Next New Edition
	Revisions in process.		
B30.24 - Container Cranes	B30.24-2008 Issued September 5, 2008 ANSI Approved January 25, 2008	5	2013
B30.25 - Scrap and Material Handlers	B30.25-2007 Issued September 3, 2007 ANSI Approved July 19, 2007	3	2010
B30.26- Rigging Hardware	B30.26-2004 Issued May 20, 2005 ANSI Approved: December 2, 2004 Revisions in Process	5	2009
B30.27- Material Placement Systems	B30.27-2009 Issued: May 15, 2009 ANSI Approved Feb 24, 2009	5	2014
B30.28 - Balance Lifting Units	Draft is being balloted by the Main Committee	TBD	2010
B30.29 - Self-Erect, Fast-Erect Tower Cranes	With Subcommittee	TBD	2011

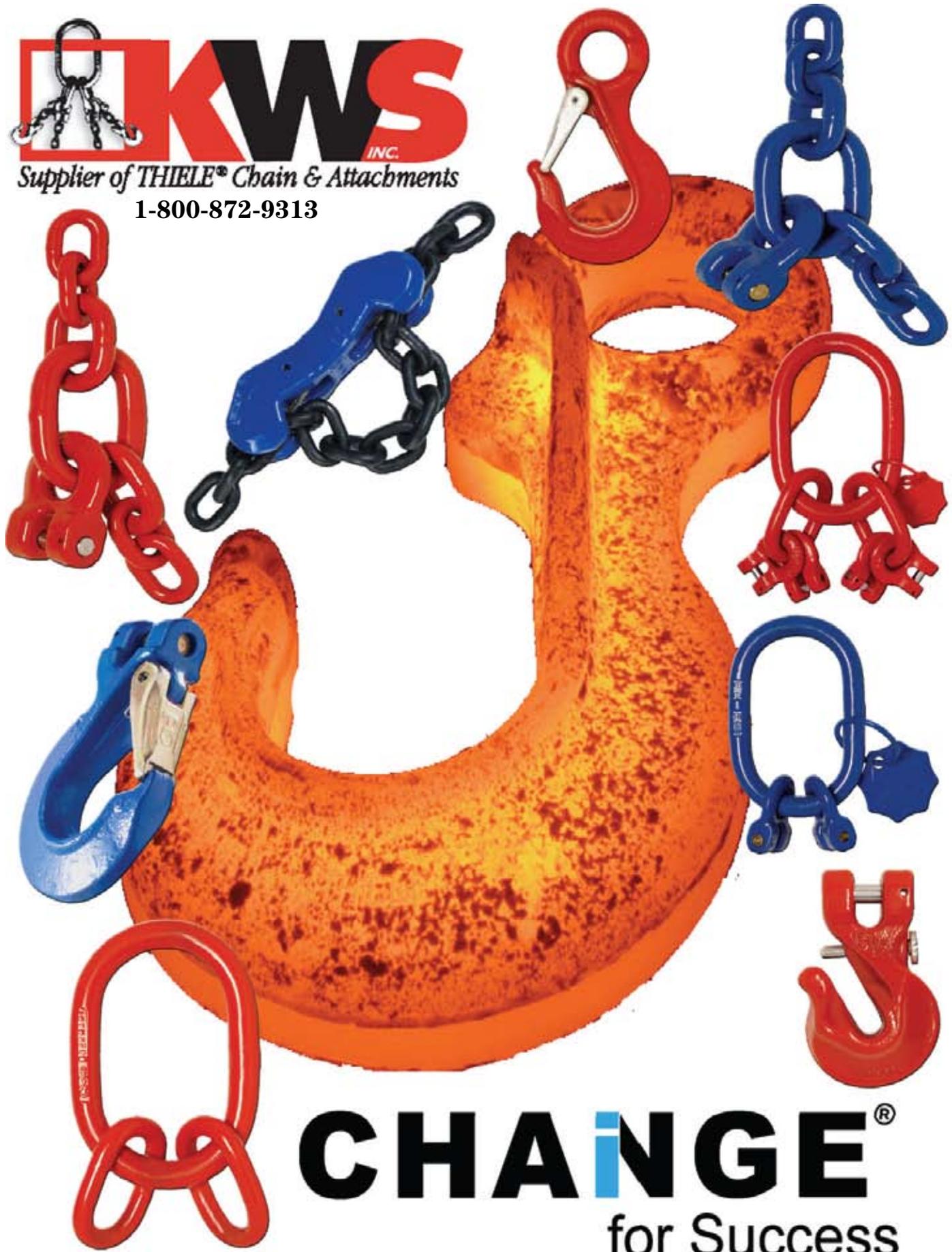
**B30 Safety Standards Committee for
Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings**





Supplier of THIELE® Chain & Attachments

1-800-872-9313



CHANGE®
for Success

Untangle Your Inventory & Release your Profit \$

*Software Solutions Tailored
Specifically for the Lifting and
Load Securement Industry .*

SUCCESS 2000+

Get to know Us as well as we
have gotten to Know your
Industry!

Distributor Computer
Systems, Inc.

Phone: 856-813-1750

Fax: 856-813-1762

Email: sales@dcs-success.com

Call or Email for your copy of
"9 Ways to Increase Your Profit"



LACLEDE
CHAIN MANUFACTURING COMPANY
ISO 9001-2000 Certified

Alloy, Transport,
High Test, &
Proof Coil

Laclede Alloy
Chain
&
Alloy Accessories

G100 Grey Armour G80 Black Armour

There's Strength
In a Name

www.lacledechain.com

CABLECON 528L

DEDICATED DIGITAL LOAD CELL INDICATING SYSTEM FOR NEW OR EXISTING
HORIZONTAL OR VERTICAL PROOF TESTING MACHINES

The Cablecon 528L digital load cell indicating system is used to improve the accuracy and production of existing Proofstest machines (analog pressure gages) and can also be installed on New Proofstest machines. The Cablecon 528L consists of a Digital readout and Custom Designed Standard or Heavy Duty Load Cell (s). The Cablecon 528L system will insure the proofstest machine to pass ASTM E4 force calibration/ verification standard.

The Cablecon 528L also can be used with our proven CLT computer software. The CLT is a special computer program that will produce a test certificate with all customer and product information. Along with the 'Peak Load' reading, time duration and other pertinent test information. During the actual test the operator can view the current test in real time from the load vs. time graph. The test can be automatically stored and printed. And old tests can be viewed and reprinted from the database and printed at any time.

LOAD CELLS: Strainsense Enterprises designs and manufactures custom, standard grade and Heavy Duty grade load cells. The Heavy Duty grade load cells are best suited for applications of destructive testing, shock loads, and where large bending moments exist. All of our load cells can be designed for an existing proofstest machine (different thread variations are possible). Strainsense load cells are designed and manufactured to surpass the ASTM E4 +/-1% calibration standard.

Strainsense will also Evaluate, Repair, and Test other manufacturer load cells, Reducing the cost and down time of buying a new load cell.



Strainsense Enterprises, Inc.



DESIGNED AND MANUFACTURED BY:
STRAINSENSE ENTERPRISES, INC.
1080 Long Run Road • McKeesport, PA 15132 USA
PH: (412) 751-3055 (724) 327-1285 FAX: (412) 751-4056
WEBSITE: strainsense.com



5 day lead time on most products
 Graphics available on both sides of the tags
 Custom graphics included in the our price...

Contact: Zack Barron
 Email: zbarron@holland1916.com
 Direct 816-268-5749

See our entire product offering:

RFID Solutions



- Stainless Chain Tags**
5.5" x 1 7/8"
4.75" x 1 7/8"
- Wire Rope Tags**
4.25" x 1.69"
- Domed Polyester Labels**
1.25" x 1.25"
- Stainless Steel Teardrops**
1.6" x 1.3"
- Industrial Plug**
.75" x .75"
- Laundry Chips**
.60" x .60"

NEW ARRIVAL
Molded Rubber Tags
RFID Available



1/8" Stainless Steel Zip Tie

Standard Products



- Chain Tags - R487**
3.75" x 1.689"
- Rope Tags - R319**
3.5" x 1.5"
- Wire Rope Tags - R176**
2.75" x 1.438"
- Wire Rope Tags - R107**
2.75" x 1.5"
- Wire Rope Tags - C186**
1.5" x 1.5"
- Synthetic Tags**
4" x 2", 6" x 2", etc.



AMERICAN

Webbing and Fittings Inc.

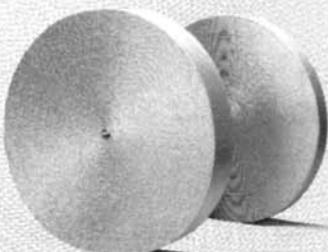
Webbing Specialist

- Manufacture highest quality nylon and polyester lifting and tie down webbings
- Available in 1" through 6" widths; strengths up to 13000 lbs./inch
- Available in 1" through 12" widths; strengths up to 9800 lbs./inch
- Competitively priced
- Standard webbing shipped from stock
- Excellent field support system throughout North America

Call toll free or write for sample book

888-990-9390

4961A Home Road • Winston Salem, NC 27106
 Fax: (336) 767-9529 • Email: webbing@americanwebbing.com



New: Swager Guarding

Strider-Resource, a division of The O'Rourke Marketing Corporation, has announced its next generation of universal swagers. These Smart Swagers™ are also available with Swager Guarding™.

Swager Guarding™ allows trained operators to swage wire rope slings without risk of injury caused by pinch points. New and innovative technology permits a full range of wire rope diameters to move freely within the swaging zone.



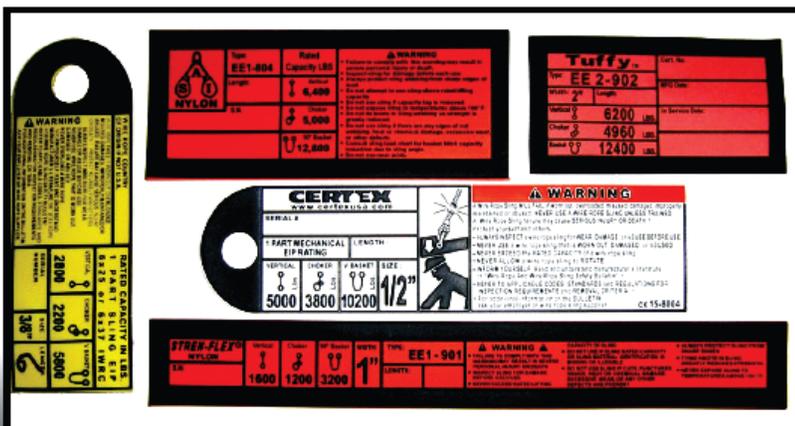
Smart Swagers™ incorporate a universal die pocket to accommodate both **One Press®** and multi-press dies. The control system counts and records the number of swages as well as any overloads. Alarms indicate if the oil levels are low and if the oil and filter need to be changed. Smart Swagers™ feature a stroke limiter mode and a hold mode for time and energy savings. This next generation of Smart Swager™ operates at a very low noise level of 60 - 68 decibels.

Swager Guarding™ and this new and innovative technology are available from **Strider-Resource**.

For more information, contact Tim O'Rourke. tim@strider-resource.com 1-905-859-3901
www.strider-resource.com 1-800-267-5438



The makers of the Original Molded Sling Tag!



Etiflex® Brand Labels are the original durable molded ID Tag – Don't be fooled by imitators with imports that don't have the Etiflex® proprietary formula. This process is the result of years of research and continuous development working directly with sling manufacturers. For twenty years Etiflex® has made one product – molded 3-D labels – so we know molded labels!

Our unique process features:

- Information is molded in and will not rub off
- Permanent bright colors for contrast that is easy to see
- Excellent abrasion resistance & UV Stable – will not fade outdoors
- Resistant to commercial cleaning solvents gas, oil, and diesel fuels
- Custom colors to differentiate ratings or distinguish your products from others
- Will not corrode in salt, or most chemical environments
- Stocking programs that allow fast delivery

The Etiflex® Brand Sling Tags add value to your product that you can use as a competitive edge and proves your commitment to quality. An Etiflex® Brand Sling Tag will ensure that your customers don't have to take a perfectly good sling out of service because the ID Tag is not legible.

Call us toll free at **1-866-ETI-FLEX** to have someone work with you on a program that will make sure that you get the best ID Tag in the business.
www.etiflex.com • email: sales@etiflex.com • fax: 305-824-3840 (384-3539)

Arthur Lakes Library

COLORADO SCHOOL OF MINES



AWRF Endowment Fund Donation Form

The purpose of the AWRF Endowment Fund is to supply funds in perpetuity for the collection of the Wire Rope Industry Archives donated to the Arthur Lakes Library by the Associated Wire Rope Fabricators. All monies deposited in the fund are kept intact. Only the interest generated, year after year, is used for expenses. By making a contribution to the Fund, you are giving a gift to those interested in wire rope over and over again. Your donation may be tax-deductible. Cash, check or credit card is acceptable.

The AWRF Endowment Fund is administered by the Colorado School of Mines Foundation, in accordance with the organization's bylaws. Once a year the interest is gifted to the Arthur Lakes Library. The professional staff of the library then decides how best to spend the money.

Donor Name (s) (First, Last)

Business Name

Home/Business Street Address

City State Zip Code Country Daytime Phone

Amount of Gift: \$

Check Enclosed _____ Bill My Credit Card _____ (Visa or MC only)

Name on Credit Card _____ Number _____ Exp. _____

Please mail this form with your tax-deductible donation. Checks made payable to:

CSM Foundation

923 16th St.

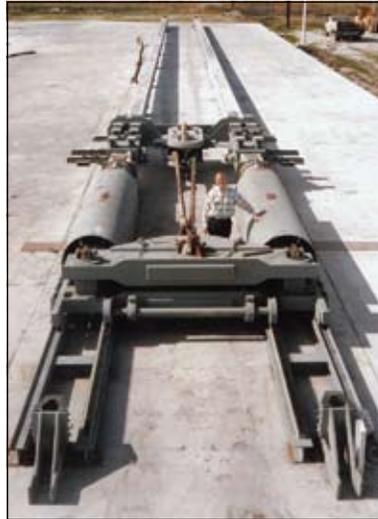
P.O. Box 4005

Golden, CO 80401

Please note on check AWRF Endowment Fund



Horizontal Test Bed with Computer system.
150,000 - 3,000,000 lbs.



3,000,000 lb. Test Bed at Dreyfus Cortney Lowery in
New Orleans, LA



Load Cell and A2D Converter. Load Cell
manufactured with 5:1 design factor. A2D
Converter uses your computer screen as your
display.



Vertical Test Stand. 50,000 lb. Dynamic testing
(hoist moving) or static testing (hoist not moving).



5 HP Round Sling Machine



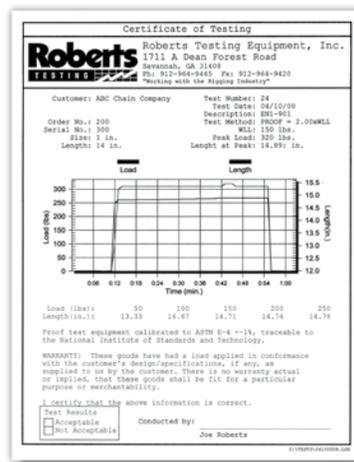
Portable Test Bed (grip available) Capacity:
50,000 - 250,000 lbs.; 20, 30 or 40 foot length.



Wire Rope Grip. Capacity: 1 1/2", 2",
2 1/2", 3", 4"



Web Grip. Capacity: 6" and 12" webbing



Test Certificate Software Program. Your customer
receives a clear, concise record of each test.



Vertical Break Test Machine. Capacity: 350,000
lbs. with 12" Web Grip.

Roberts

CALIBRATION



Certificate #2262.01
ISO/IEC 17025:2005
& ANSI/NCSL Z540-1-1994

6,000,000 lbf

Mobile: (901) 508-7314 • Phone: (912) 964-1118 • Fax: (912) 964-9420
P.O. Box 935 • Savannah, GA 31498 • www.RobertsCalibration.com



The original mechanical splicing systems.

Swaging efficiency!

info@talurit.se
Phone: +46 31 709 30 80
www.talurit.com



How Do You Spool 15,000 lb. Reels?

Model FMP Pay-Out Machine



Model FMPT Take up with Automatic Levelwind

- Powerful - AC Vector/Hydraulic drives available
- Rugged and Reliable
- Increases Productivity
- Low Maintenance
- User Friendly

Reel-O-Matic's Shaftless FM series Pay-Out & Take-Up machinery is the answer for all of your heavy reel handling requirements. Up to 80,000 lb. capacities available.

REEL-O-MATIC[®] Inc.

Call Today!

800-221-7335

www.reelomatic.com



FIELD ID IS THE LEADING ELECTRONIC INSPECTION AND SAFETY COMPLIANCE SYSTEM.

MAKE SAFETY SIMPLE.

- HANDHELD INSPECTIONS
- ELECTRONIC IDENTIFICATION (RFID)
- COMPATIBLE WITH ALL MAJOR TEST BEDS
- ONLINE PROOF TESTS CERTIFICATES
- ASME B30.9 BUILT IN
- GET ONLINE WITHIN DAYS
- ELIMINATE PAPERWORK!

READY TO LEARN MORE?

N4SYSTEMS.COM

1.800.99.N4.SYS

- Ad Index -

A

All Material Handling19
 AJT USA Roberts Testing 59
 American Drill Bushing63
 American Webbing and Fittings Inc. 56
 ASC Industries. LTD.....29

B

Baydar & Associates Inc.36
 Bridon American17

C

Caldwell Group39
 Chant.....18
 Chicago Hardware & Fixture Co. .32
 CM Rigging Products.....43
 The Crosby Group2, 16

D

Distributor Computer Systems, Inc.55

E

ERIEZ43
 Etiflex57

F

Filtec Precise50
 First Sling Tech20, 48

G

Gunnebo Johnson Corporation 13, 41

H

Harington Hoist42
 Holland 1916.....56

I

Indusco 49
 Industrial Magnetics28

J

Jergens12

K

KWS.....54

L

Laclede55
 Lewis Manufacturing Co.49
 LOOS and CO14

M

McKISSICK.....29
 Miller.....7

N

N4 Systems INC.61

P

Pellow6
 Pewag Chain.....21
 Python.....10

Q

QC2126

R

J.C. Renfroe and Sons4
 REEL-O-MATIC61
 Roberts Calibration60
 ROPEBLOCK47

S

Sea-Land Disributors, LLC31
 Signal.....41
 Slingmax.....22
 Strainsense Enterprises, Inc.55
 Strider-Resource57

T

Talurit60
 Thern.....27

U

ULTRA-SAFE44
 Unirope.....50

V

Vanguard Steel LTD.23

W

Wire Rope Industries LTD.40

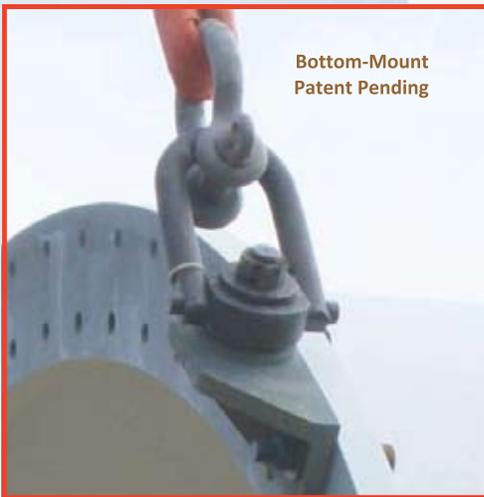
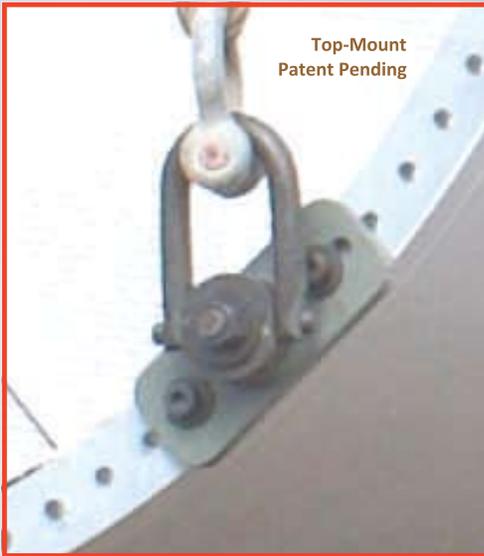
Y

Yoke.....33

WIND-WORKERTM TOWER LIFTING SYSTEM

*Raising the Standard
of
Wind Energy Safety*

- Designed with Patented Safety Engineered Hoist Rings
- 80-Ton System WLL
- 360° Swivel
- 180° Pivot
- Reduces Sling Bind
- Adjusts for Universal Fit



Technical Support From Quote Through Final Lift
www.adbhoiststrings.com 800.423.4425

