

THE PROFESSIONAL RIGGER®

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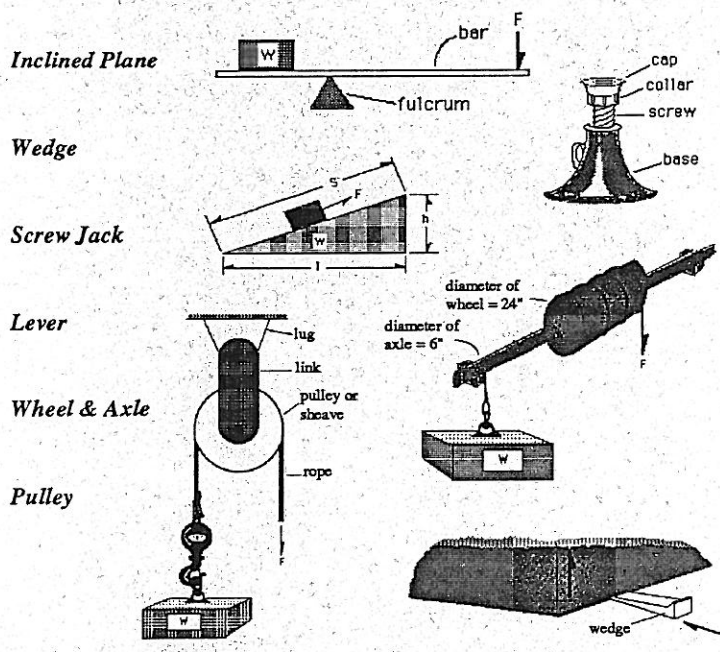
A Quarterly Newsletter Published by:

WIRE ROPE & RIGGING CONSULTANTS, INC.
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RIGGING OPERATION

Definition - Any systematic planned operation in which an object is moved from one place to another, moved from one position to another, or deliberately restrained from moving for a limited period of time. (RIGGING, *Walter F. Hirth, 1979*)

MANY WAYS TO ACCOMPLISH A RIGGING TASK



CERTIFIED INSPECTOR PROGRAM

The 1988 CIP course will be in Vancouver, WA on May 24-26th.

The Course Sections are: (1) WIRE ROPE (2) WIRE ROPE SLINGS (3) SYNTHETIC WEB SLINGS (4) ALLOY CHAIN SLINGS and (5) RIGGING HARDWARE/TESTING. The course instructional format is based on OSHA CFR 29 1910, ANSI B30 series, ASTM A-391, ASTM E-4, RR-W-410D, NUREG 0612 (applicable), plus NDT, proof & destructive testing. An additional 4-hour session will be offered on Friday the 27th for those in the nuclear industry. Please refer to the registration form for details.

Please return the enclosed Registration Form today to enroll in this outstanding program.

"On the Plains of Hesitation, lie the bleached and weary bones of countless thousands, whom on the day of victory, sat down to take a rest." - Parvin Bishop

VIDEO TAPE PRICE RESTRUCTURING

WRRRC has restructured their Video Tape Prices. Effective April 1, 1988, all titles can be purchased for \$425, and the complete 5-tape set can be purchased for \$1,995 (a savings per set of \$130!). This reflects an overall reduction of 14%.

Dear Friend of WRRC,

We are well into our third year and sincerely appreciate the warm reception so many of you have extended to us.

WRRC has been built around the needs of its clients. Technical training, expert witness, and accident investigation are a few of the services our clients request.

The talented people who serve on our staff have helped establish WRRC as one of the most progressive and respected rigging consulting firms in the United States. You have helped us determine what services are necessary and in what form you can best use them. Together we have developed a responsive and functional team.

Give us a call if we can be of assistance to you and your company.

President



THE "R's" OF RIGGING MANAGEMENT

REVIEW - Be methodical in your approach to any rigging task.

RESEARCH - Be a student of your profession. Load and rigging data - Don't start until you get it, don't stop until you get all of it.

RESPECT - Give due respect to the load, the work environment, and the equipment. Know at all times that a major accident can result from even one small miscalculation.

RESPONSIBILITY - Be willing to give it and receive it.

REINFORCEMENT - Show support for those who work for you and those you work for.

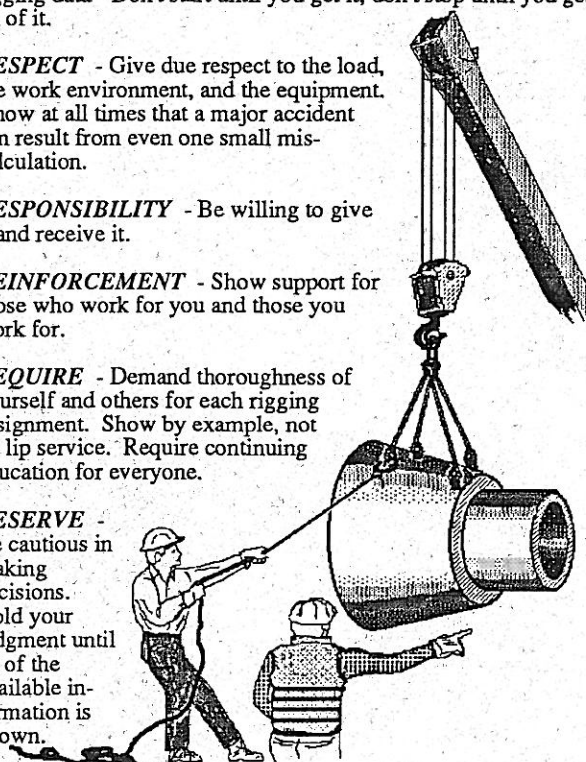
REQUIRE - Demand thoroughness of yourself and others for each rigging assignment. Show by example, not by lip service. Require continuing education for everyone.

RESERVE - Be cautious in making decisions. Hold your judgment until all of the available information is known.

RESIST - Resist the temptation to make decisions for people who need to make them as part of their learning process. Be patient.

RESPOND - Respond quickly to those who are seeking answers or help. Be wise in how to lend assistance.

REWARD - Be liberal in your praise and compliments. Let others know when a job has been done well. Be consistent in your praise of things done, i.e. equal praise for equal jobs.



CORPS of ENGINEERS

Mr. Byron Duke, Chief Safety Officer for the Portland Area U.S. Army Corps of Engineers, asked WRRC to present a TWO-DAY RIGGING COURSE for Corps employees at the Bonneville Dam on the beautiful Columbia River. An 8-Hour Instructional Program will be followed by an outdoor Hands-On Session involving six live loads which must be rigged and placed according to the Rigger's Checklist presented during the classroom session. We look forward to working with the Corps on this program.

"Hear counsel, and receive instruction, that thou mayest be wise in thy latter end." - Prov. 19:20

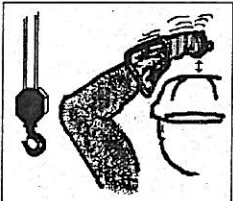
PLATTE RIVER POWER AUTHORITY

A COMPREHENSIVE TWO-DAY CLASSROOM AND HANDS-ON RIGGING COURSE was conducted at Platte River's Rawhide Energy Station near Wellington, CO. The training sessions included an accident scenario workshop, Rigging Simulator and team problem solving centered around the three live loads in the Hands-On Section. Many thanks to Platte River's Ms. Lynn Gunther and Mr. Ed Rupert who coordinated the program.

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VANALCO

Two ADVANCED RIGGING courses will be presented in April for VANALCO of Vancouver, WA. A Rigger's Checklist, Rigging Geometry and WRRC's newly developed Rigging Simulator will help make up the program format for the courses. We wish to thank Mr. John Jagelski and Mr. Lance Babbitt for choosing WRRC as their training service.

"A word too much always defeats its purpose." - Arthur Schopenhauer

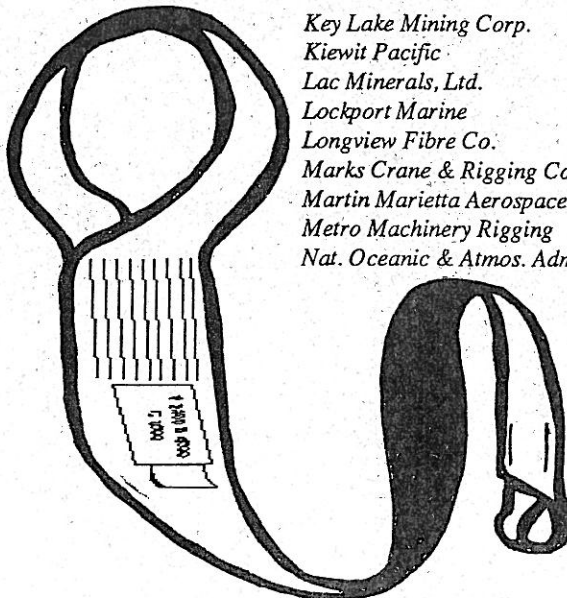
PMAW

The Purchasing Management Association of Wyoming and Western Sling & Supply, Co. served as co-sponsors for PMAW's 1988 Conference Safety Seminar, held in Rock Springs, WY on March 26, 1988. A program entitled, "HOW TO BUILD AND MAINTAIN SAFE CRANE AND RIGGING OPERATIONS", was presented by WRRC President R. Michael Pamell to supervisory personnel from companies in the Rocky Mountain Area. We appreciate the efforts of PMAW's Mrs. Nora Chetterbock and Mr. Brad Williams and Western Sling's Mr. Scott Andres for coordinating this event.

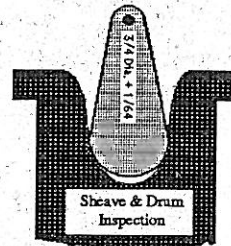
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COMPANIES USING WRRC TRAINING PROGRAMS

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Assoc. Concrete Products
Boise Cascade Corp.
Bonneville Power Admin.
Bridger Coal Company
Clackamas County D.O.D.T.
Colorado-Ute Electric Assoc.
Detour Lake Mine
EG & G of Idaho
Garden State Paper Co.
General Electric
Hercules Aerospace, Inc.
Hewlett-Packard
Homestake Mining Co.
James River Corp.
Johnson Bros. Const.
Jorgensen Steel Co.
Kansas City Power & Light
Kennecott, Utah Copper Div.
Kenworth Truck Mfg.



Key Lake Mining Corp.
Kiewit Pacific
Lac Minerals, Ltd.
Lockport Marine
Longview Fibre Co.
Marks Crane & Rigging Co.
Martin Marietta Aerospace
Metro Machinery Rigging
Nat. Oceanic & Atmos. Admin.



Rhone-Poulenc, Inc.
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Teck-Corona Operating Corp.
Trojan Nuclear
U. S. Army - Tooele Depot
U. S. Army - Corps of Engineers

Omaha Public Power District
Oregon-Accident Prev. Div.
P & M Coal Mining Co.
Pacific Gas Transmission Co.
Pacific Power & Light
Pan Am Serv. - Submarine Base
Port of Portland
Reynolds Aluminum
Reynolds Elec. & Eng. Co.
U. S. Dept. of Labor - OSHA
U. S. Ecology, Inc.
U. S. Fish & Wildlife Service
Union Carbide Corp.
Utah International, Inc.
Washington Mechanical
Washington Water Power
Western Area Power Admin.
Western Transportation Co.
Weyerhaeuser Co.
Willamette Industries