



THE PROFESSIONAL RIGGER

Volume 20 Number 1

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TECHNICAL WORKSHOP

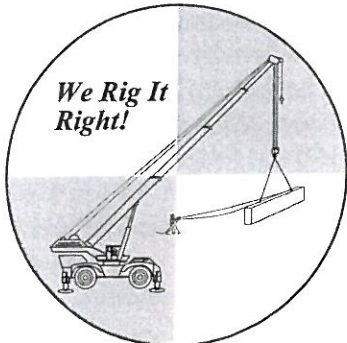
Rigging Crossword Puzzle

A sincere "Thank You" to our steadfast readers and supporters, who over the years have been entertained by the Professional Rigger. We thought that a fun way to kick off our 19th year would be with a crane and rigging-oriented crossword puzzle. Thanks for letting us test your rigging brain cells every 3-4 months. (This puzzle is part of Mike's Rigging Mysteries available through www.tirc.net). Enjoy!

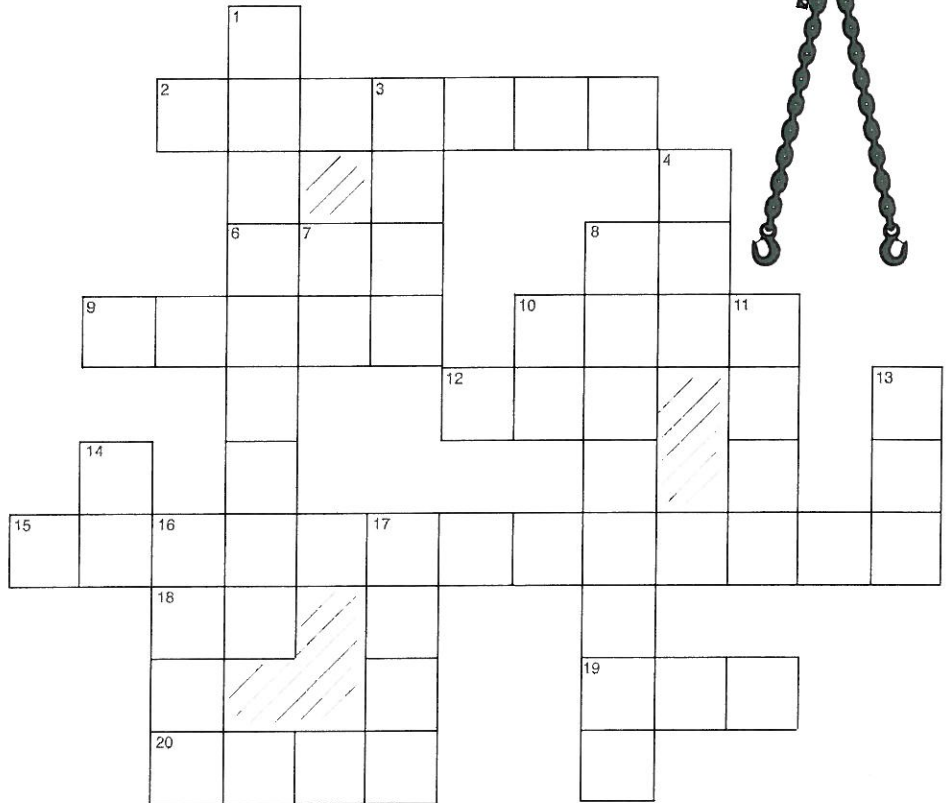
Check your answers on Page 3 Column 3.

The Professional Rigger is a publication of Industrial Training International, Inc. It is distributed to those whose occupations require the safe and proper use of lifting and rigging equipment.

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 or
 visit our web site: www.wtrc.com



Rigging Crossword Puzzle



Across

- 2 Chain sling intermediate connector
- 6 Abbrev. 1st day of week
- 8 Missouri slang, "You'uns, they'uns and ___'uns."
- 9 "The ___ Professor"
- 10 Mfg of knuckleboom
- 12 "To ___ With Love"
- 15 Dist. around a circle
- 18 Abbrev. for Alaska
- 19 Batman's rock'em punch
- 20 V-notch in chain link

Down

- 1 Flatbed vehicle, extendable tube, crane
- 3 Son of a bronco
- 4 Ocean or ___
- 7 Abbrev. for overtime
- 8 Steel cable
- 10 Common greeting
- 11 Heat damage
- 13 "Graceful as a hog on ___"
- 14 Greek math constant
- 16 Water from the clouds
- 17 "Subtle as a ___ truck @ 70 mph"

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CH2M Hill

ITI's Devon Beasley conducted a variety of training programs at CH2M Hill's Hanford site in Richland, WA. Courses presented included re-certification for Overhead Crane Inspectors, Mobile Crane Operators and Certified Rigging Gear Inspectors. In addition, 6 students received training on Aerial Lifts.

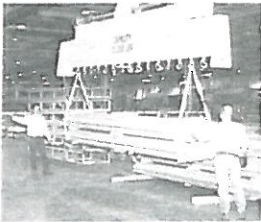
The courses consisted of short classroom sessions followed by a series of hands-on inspections.



City of San Jose

ITI Instructor Russ Donaldson conducted a 2-day Overhead Crane & Rigging Program for 7 individuals at their training site in San Jose, CA.

Attendees were instructed on rigging gear inspections, maintenance, load moving techniques, load weight estimation and rigging configurations.



Xcel Energy

A 5-day Mobile Crane Operator Program was conducted for 11 individuals at their plant in Bayport, MN. Subjects included load chart interpretation, leverage, static/dynamic loading, load weight calculations and daily inspection.



Participants unanimously agreed that the strength of this program was in the technical and practical knowledge of ITI instructor, Jim Keener.

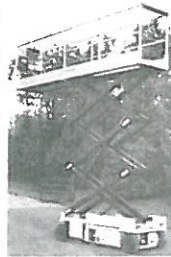
J. Ray McDermott

A total of 10 individuals attended a 3-day Certified Rigging Gear Inspector Program in Amelia, LA. Subjects addressed included sling fabrication, quality control, and inspection removal criteria. Written exams were given, with a series of hands-on inspections on a number of different types of slings and rigging hardware, which were part of the requirements to pass the course.



Bureau of Reclamation

Folsom, CA was the site of three 1-day Man Lift Operator Programs. The 17 individuals who attended the programs were instructed on the safe and efficient use of elevating work platforms. Subjects addressed included machine stability, pre-operational checks, load chart interpretations and load ratings.



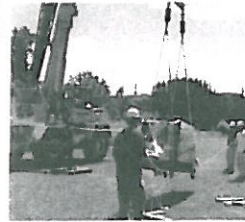
Shaw Industries, Inc.

A series of instructional programs were provided by ITI for facility engineers and maintenance personnel at Shaw Industries. The sessions took place at Shaw's Dalton, GA headquarters over the last 8 months. The entire program was organized by W. W. Grainger, Inc., and included technical presenters from Columbus McKinnon, Lift-All and Industrial Training International. To date nearly 180 Shaw employees have attended the workshops addressing sling selection and inspection, rigging angles, come-a-longs and chain falls, weight estimation, load control and hitch types.



Western Energy Company

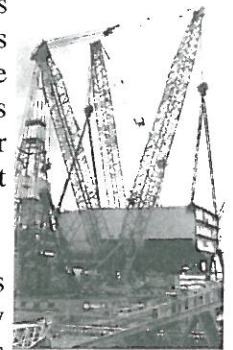
Colstrip, MT was the site of a 2-day Journeyman Rigger Program. 18 students participated in the program which consisted of eight hours of classroom instruction followed by an extensive series of field rigging exercises which implemented the items covered in the classroom segments.



Students came away with a basic understanding of rigging principles, weight estimation, load handling, hand signals, and rigging gear inspection.

Bollinger Shipyards

Over 40 individuals have attended a series of Mobile Crane Operator Programs at various Bollinger locations throughout Louisiana.



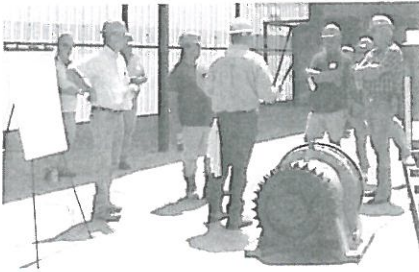
The eight weeks of training, led by ITI Instructor Russ Donaldson, consisted of both classroom and hands-on instruction. Subjects covered included crane terminology, load chart interpretation for various models of cranes, and crane set up.

During the hands-on portion, participants operated a variety of cranes at their site including a Manitowoc 4000, Manitowoc 2250, Gallion 22A, Lima 7700, 150 ton American, 50 ton Grove, 30 ton Terrex, and a 35 ton Linkbelt. Each operator performed a series of lifts and was evaluated according to their skill level with the cranes.

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C & S Maintenance

ITI's training facility in Birmingham, AL was the site for five 1-day Rigging Fundamental Programs developed for C & S Maintenance. Each program consisted of classroom and hands-on workshops addressing such subjects as hitches & pick points, rigger's checklist and rigging gear inspection.



Buckskin Mining Co.

ITI instructor Jim Keener conducted two Mobile Crane Operator Recertification Programs for 10 operators at their Gillette, WY location. In addition, six participants completed a 1-day Rigging Fundamentals Program. Each course consisted of both classroom and hands-on training.

BP Cherry Point Refinery



5 individuals attended a 4-day Mobile Crane Operator Program at BP's Cherry Point Refinery in Blaine, WA. During the classroom portion of the training, participants calculated

load weights and completed load chart exercises. Hands-on activities consisted of lifting a variety of loads using the client's available cranes.

Attendees who successfully completed the program by scoring 80% or better on the written and hands-on performance tests received a three year certification.

Sulzer Pumps

A total of 5 individuals attended a 1-day Forklift Operator Program in Portland, OR. The classroom portion of the training included pre-op and safety inspections, safe operating techniques and the effects of various types of loads on the forklift. During the hands-on portion, participants demonstrated their operating skills while performing a number of required lifts.



Millennium Chemicals

Ashtabula, OH was the site for two 2-day Journeyman Rigger Programs. Each 2-day course consisted of eight hours of classroom instruction followed by a series of "live load" field rigging exercises. Rigging gear inspection, load weight calculation and finding the center of gravity were just a few of the subjects addressed during the programs. Participants agreed the major strong points were the hands-on rigging gear inspections and determining load stress on slings.



Raflatac, Inc.

ITI instructor Dwight Henson conducted a 2-day Journeyman Rigger Program for 12 individuals at Raflatac's site in Fletcher, NC. The classroom and hands-on workshops were designed to increase each rigger's understanding of rigging gear selection, proper rigging procedures and load control using any vertical or horizontal rigging system.



• ITI NEWS •

Meet ITI's Newest Instructor



Dwight Henson

Initially a bridge mechanic and field foreman for CSX Transportation, Dwight then served as an in-house trainer and developer for programs involving rigging, crane work, pile driving, and installing steel, timber and concrete structures. Dwight specializes in rigging, equipment operation and inspection.

**Crossword Answer Key
(for page 1)**

- Across**
 2 Coupler
 6 Mon
 8 We
 9 Nutty
 10 Hiab
 12 Sir
 15 Circumference
 18 AK
 19 Pow
 20 Nick

- Down**
 1 Boom Truck
 3 Pony
 4 Sea
 7 OT
 8 Wire Rope
 10 Hi
 11 Burn
 13 Ice
 14 Pi
 16 Rain
 17 Mack

RIGGING • INSPECTING • OPERATING TRAINING!

Attend one of our "Hands-On" Training Programs or schedule us to come to your site. Either way, we can increase your skill level and safety awareness.

Call 1-800-727-6355 to register for one of the following programs or to request a proposal for a customized program at your site.

UPCOMING TRAINING CENTER COURSES

<u>Course Title</u>	<u>Date</u>	<u>Location</u>
Journeyman Rigger	January 10 - 11	Woodland, WA
Overhead Crane Operator	January 12	Birmingham, AL
Qualified Boom Truck Operator	January 12 - 14	Woodland, WA
Overhead Crane Inspector	January 13 - 14	Birmingham, AL
Mobile Crane Inspector	January 25 - 28	Woodland, WA
Rigging Gear Inspector Level I	February 8 - 11	Woodland, WA
Master Rigger	February 15 - 18	Birmingham, AL
Mobile Crane Operator	February 28 - March 4	Woodland, WA
Journeyman Rigger	March 21 - 22	Birmingham, AL
Master Rigger	March 22 - 25	Woodland, WA
Qualified Boom Truck Operator	March 23 - 25	Birmingham, AL

NCCCO* CERTIFIED MOBILE CRANE OPERATOR TRAINING

Note: The deadline for California Crane Operator Certification is June 1, 2005

Dates Offered

March 28 - April 1

June 27 - July 1

Location

Woodland, WA

Woodland, WA

Preregistration is *critical*.
Don't miss your chance!

* National Commission for the Certification of Crane Operators

See enclosed "2005 Training Schedule" for more program details and registration.

Register online at www.wrrc.com

or

contact LeAnne at 1-800-727-6355.