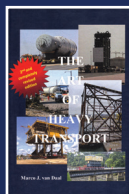
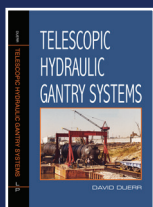




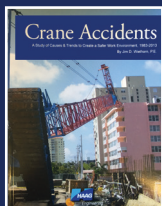
pg 19



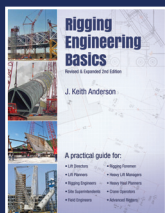
pg 24



pg 12



pg 15



pg 4



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Table of Contents

We Are ITI - Introduction	
Rigging	1
Cranes	12
Heavy Equipment	23
Forklifts	27
Tools, Field Equipment, Misc.	29
ITI Apparel	31
Spanish Language Products	31

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I am glad that you are taking the time to learn a bit more about our organization and how we benefit the world-class customers we serve in their day-to-day crane, rigging, and load handling activities.

In this catalog you'll find a wide range of resources and reference materials available through the ITI Bookstore that are unparalleled in the industry.

We thank you for your interest and I look forward to welcoming you to one of our training centers, online courses, or specialized training programs delivered at your company's facility in the year ahead.

Sincerely,

A handwritten signature in black ink, which appears to read "Mike Parnell".


Mike Parnell
Technical Director/CEO
Industrial Training International



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The background of the page features dark blue silhouettes of workers in a crane control room. One worker in the center is seen from the side, reaching up towards a control panel. To the right, another worker is partially visible, looking towards the center. The overall scene is set against a light blue background.

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ITI Reference Cards are the most trusted and utilized field reference cards in the industry. Unless otherwise noted, reference cards are 10 panels, laminated and scored to fold into wallet size (3.25" x 2") or pocket size (5.75" x 3.5").

Horizontal Rigging Reference Card

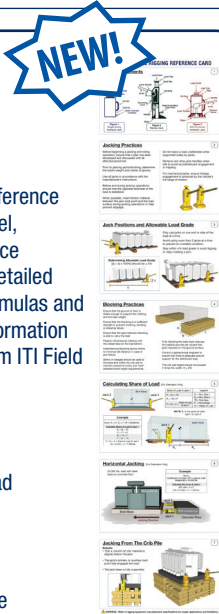
By Industrial Training International, Inc.

The Horizontal Rigging Reference Card is a full color, 14 panel, 2 sided, laminated reference card that is packed with detailed illustrations, important formulas and the indispensable field information you've come to expect from ITI Field Reference Cards.

Topics include:

- Blocking Practices
- Calculating Share of Load
- Horizontal Jacking
- Level & Incline Planes
- and much more

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Journeyman Rigger's Reference Card

By Mike Parnell

This card shows sling capacities, load factors and weight distribution, block and fairlead loading, hardware capacities, coefficients of friction, calculating load weights, hitch types, hand signals and a rigger's checklist.

* Quiz and answer key available upon request (English only).

Item # 3010 | Wallet Size

Item # 3012 | Pocket Size

Item # 3011 | Wallet Spanish



Quantity Discounts Available

Lineman Rigger's Reference Card

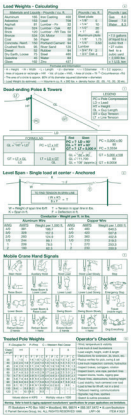
By Mike Parnell

The Lineman Rigger's Card shows sling capacities, load factors and weight distribution, block and fairlead loading, rigging hardware capacities, calculated load weights, dead-ending poles, level span, conductor weights, hand signals, pole weights and an operator's checklist.

*Quiz and answer key available upon request.

Item # 3020 | Wallet Size

Item # 3021 | Pocket Size



Field Reference Cards 3 Pack in Vinyl Caddy

By Mike Parnell

Grouped together, our 3 most popular reference cards (Journeyman Rigger Reference Card, Master Rigger Reference Card, Rigging Gear Inspection Reference Card), inside our vinyl sleeve protection card caddy. Card Caddy fits cards size 5.75" x 3.5". Navy Blue with ITI Bookstore logo.



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Perfect for holding and protecting your ITI Ref cards

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Any combination of Reference Cards on this page available at quantity discount prices (see Pg 2).

Rigging Gear Inspection Reference Card

By Mike Parnell



The latest removal criteria for slings (wire rope, web, roundslings and alloy chain), below-the-hook lifting devices, hoist ropes and rigging hardware are covered on this card. Included are 125 line items of removal criteria referencing OSHA 29 CFR 1910.184, ASME B30.9, ASME B30.10, ASME B30.20 and ASME B30.26.

- Item # 3050 | Wallet Size*
- Item # 3052 | Pocket Size*
- Item # 3051 | Spanish Wallet
- Item # 3054 | Canada Pocket**

* Quiz and answer key available upon request(English only).

** Canada Pocket Card references: WCB15.30, WCB 15.46, AB OH&S Part 21, CSA Z150, CSA B167.08, SASK OH&S Part XIV, ASME B30.5, ASME B30.9, ASME B30.10, ASME B30.20, ASME B30.26

Rigging with the Big Stuff Reference Card

By Mike Parnell

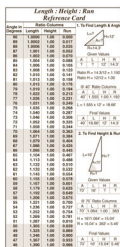


On this card you will find 9-part braided wire rope slings, synthetic slings up to 100 ton capacities, shackles between 40 - 1550 ton WLL and a 480 ton sample load with selected rigging. Also includes multiple CG's, off-level pick points, a critical lift plan and CG related formulas.

Item # 3015 | Pocket Size

Length/Height/Run Reference Card

By Mike Parnell



A great planning tool designed with efficiency in mind. Given any two pieces of information (length, height, run or angle) the user can follow one of the four solution examples to get the needed answer. 6 panels, folds to 3.25" x 2".

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Master Rigger's Reference Card

By Mike Parnell



Five panels on each side display level and incline plane, 1/2/3/4 leg lifts, CG's, CoF, conversions, two rulers, beam loading, % grade, load turning, D/d ratios and more. An indispensable field tool utilized by experienced riggers for nearly 20 years, always updated with the latest standards.

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- Item # 3031 | Pocket Size

Any combination of Reference Cards on pages 1 and 2 qualify for quantity discounts

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- 50-99 \$5.50 each
- 100-249 \$5.25 each
- 250-499 \$5.00 each
- 500-999 \$4.75 each
- 1000+ \$4.50 each

Engineering Equations Reference Card

By Industrial Training International, Inc.



Designed for ITI's new Fundamentals of Rigging Engineering program, this card covers the advanced equations necessary for students enrolled in this program. The Engineering Equations Reference Card is chock full of complex formulas and illustrations pertaining to the math behind rigging engineering.

Topics include:

- Plane & Solid Geometry
- Section Properties
- General Equations
- Material Properties
- and more.

Item # 3038 | Pocket Size



In A Flash - Rigging Inspection Training Field Reference Guide

By Mike Parnell

224 pages, 3" x 5", spiral bound

An amazing collection of 110 color photos that depict the most common types of damage as outlined by OSHA, ANSI, and ASME regulations which require the gear's removal from service. Including corresponding black and white photos outlining the reason for removal, (i.e. birdcaging, crushing, hook spread, core damage and more).

Item # 2200 | \$19.95

Available in a PowerPoint® presentation. See Page 9

Quantity Discounts Available



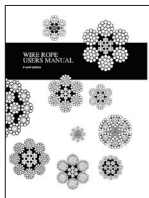
Inspection Guidelines

By Wire Rope Technical Board

12 pages, 8.5" x 11", softbound
Guidelines for inspecting a wire rope system or installation. The publication provides a clear and concise approach to assisting wire rope users' needs to comply

with industry and governmental regulations that require inspections of individual ropes, fittings and attachments, as well as entire operating systems at regularly scheduled intervals.

Item # 1025 | \$21.00 (Set of 25)



Wire Rope Users Manual 4th Edition

By Wire Rope Technical Board

160 pages, 8.5" x 11", softbound
This manual covers areas such as wire rope components; identification and construction; handling and installation;

operation, inspection and maintenance; and physical properties. Also helps establish sound practices in rope selection and application. Available as digital PDF on flash drive (MAC or PC).

Item # 1020 | \$65.00 Softbound Book

Item # 1022 | \$40.00 PDF on Flash Drive

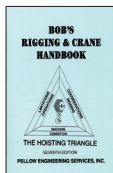


Wire Rope Sling Users Manual 3rd Edition

By Wire Rope Technical Board

152 pages, 8.5" x 11", softbound
This manual includes rated capacity tables, guidelines for proper storage of wire rope and sling inspection criteria. Also included are strength and weight tables for fiber core & IWRC 6-Strand ropes.

Item # 1030 | \$42.00



Bob's Rigging and Crane Handbook 7th Edition

By Pellow Engineering Services, Inc.

This book contains 280 pages of new and updated information on slings, wire rope, rigging hardware and mobile crane operations, including industry standards and OSHA regulations.

Softbound pocket size 4.5" x 6"

Item # 2030 | \$18.00

Item # 2032 | \$18.00 Spanish

Large desk reference size 8.25" x 10.75"

Item # 2031 | \$27.00

Item # 2033 | \$27.00 Spanish



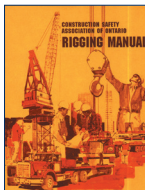
Rigging Handbook 4th Edition

By Jerry Klinke

256 pages, 4" x 7", softbound

Both apprentices and journeyman riggers will appreciate the simple layout, organization and detailed illustrations provided in this book. Includes the recent changes by OSHA related to rigging and hoisting activities, information on cribbing, taglines, and pre-lift checklists, and more.

Item # 2020 | \$15.95



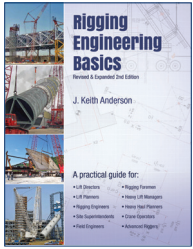
Rigging Manual

By Infrastructure Health & Safety Association

188 pages, 8.5" x 11.5", hardbound

This manual applies to rigging equipment, materials, procedures and precautions used in the construction industry. Topics include: Wire Rope, Fiber Rope, Chain, Rigging Hardware, Reeving, Slings, and Rigging Procedures and Precautions.

Item # 1060 | \$64.00



Rigging Engineering Basics - Revised & Expanded 2nd Edition

By J. Keith Anderson

470 pages, 8.5" x 11", softbound

A practical guide for Lift Directors, Lift Planners, Rigging Engineers,

Site Superintendents, Field Engineers, Rigging Foremen, Heavy Lift Managers, Heavy Haul Planners, Crane Operators, and Advanced Riggers. This book is intended to inform people planning rigging operations and point them in the direction of best practice, to alert them to pitfalls and how to avoid them, and to instruct on how to do certain basic rigging engineering tasks.

Item # 1175 | \$149.00

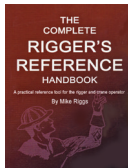


Handbook For Riggers

By Newberry Investments Co. Ltd.

128 pages, 4.25" x 6", softbound
Functional for the job-site and detailed enough for consultations. Includes information on knots, splicing, sling capacities, reeving systems, and more.

Item # 2010 | \$19.25



The Complete Rigger's Reference Handbook

by Mike Riggs

172 pages, 4" x 5.5", softbound
Informational tips on weight estimation, rigging methods, signals and voice commands, rigging capacities, knots, block loading, rigging inspection and much more make up this handy pocket-sized book.

Item # 2450 | \$14.95

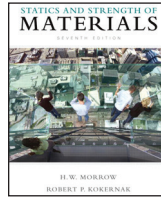


Rigging Pocket Guide

By ACRA Enterprises, Inc.

60 pages, 3.25" x 5.75", softbound
Designed for the novice as well as the seasoned rigging professional, this pocket-sized guide is well organized, including ASME data and requirements for proper equipment use. Illustrated in full color.

Item # 2025 | \$9.95



Statics and Strength of Materials

By H.W. Morrow,
Robert P. Kokernak

506 pages, 8.5" x 11", hardbound

Clear coverage of all major topics in statics and strength

of materials, including the latest developments in materials technology and manufacturing/construction techniques.

Item # 1140 | \$139.00



Crosby Rigging Guides

By The Crosby Group, Inc.

12 panels, folds to 5.5" x 3.25"

Crosby Rigging Guide for Blocking

Item # 3090 | \$4.50

Crosby Rigging Guide for Lifting

Item # 3080 | \$4.50

Item # 3081 | \$4.50 Spanish



Crosby Rigging Guide for Heavy Lifts

By The Crosby Group, Inc.

16 panels, folds to 5.5" x 3.25"

Details heavy lift shackles, blocks, wire rope slings, CG, with terms and definitions.

Item # 3085 | \$5.50



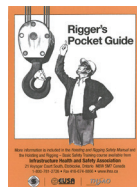
Crosby Tie Down Calculator

By The Crosby Group, Inc.

3.5" x 6.5"

Developed in cooperation with the Commercial Vehicle Safety Alliance.

Item # 3110 | \$7.50



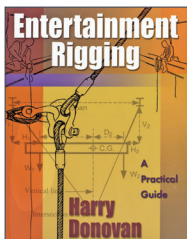
Rigger's Pocket Guide

By Infrastructure Health & Safety Association

12 panels, folds to 3.25" x 4"

Contains info on safe working loads, wire rope slings, wire rope clips and more.

Item # 3100 | \$5.95



Entertainment Rigging

By Harry Donovan

700 pages, 8.25" x 10.75", softbound

A comprehensive book covering all aspects of arena rigging, from practical shackle details to complex force equations. Focus is on the entertainment industry,

but the information is applicable to other trades that use rigging such as construction, mining, material handling, logging, longshore work, cranes, and industrial rigging.

Item # 1195 | \$109.95

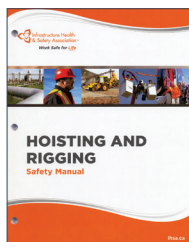


Entertainment Rigging for the 21st Century

By Bill Sapsis

288 pages, 6" x 9", softbound
From the basics of physical forces and mathematical formulas to performer flying and stage automation, this guide provides you with insider information into rigging systems and the skills you need to safely operate them.

Item # 1190 | \$49.00



Hoisting and Rigging Safety Manual

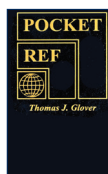
By Infrastructure Health & Safety Association

165 pages, 8.5" x 11.5", softbound

This manual identifies the basic hazards in rigging and hoisting, explains the safeguards necessary to control or eliminate these

hazards, and spells out essential safety requirements.

Item # 1067 | \$51.00

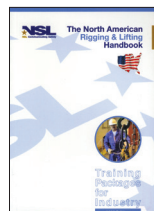


Pocket Ref

By Thomas J. Glover

864 pages, 3.2" x 5.4", softbound
This revised 4th Edition is a treasure of information for craftsmen, students, teachers, engineers, do-it-yourselfers and travelers. New and updated chapters, same low price!

Item # 2070 | \$12.95



The North American Rigging and Lifting Handbook

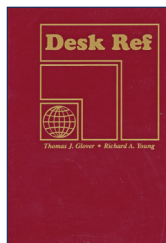
By North Sea Lifting Ltd.

218 pages, 4" x 6", softbound
Designed to help reduce industrial accidents in the workplace.

Includes best industry practices and updated guidance on safe

operation of equipment.

Item # 2401 | \$41.95



Desk Ref

By Thomas J. Glover

1280 pages, 6" x 9", softbound, large print
The Desk Ref 4th Edition contains both the 4th Edition Pocket Ref and the Handyman-in-Your-Pocket, along with 12 new sections.

Item # 2072 | \$29.95



Rigging

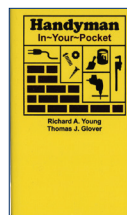
By James Headley

180 pages, 4.5" x 6.75", softbound
This book contains the latest on wire rope, rigging hardware, and slings, including capacity tables and charts.

Also covers load weight estimation, sling loading calculations, and proper handling of loads.

Item # 2600 | \$21.95 Standard

Item # 2605 | \$22.95 Metric



Handyman "In-Your-Pocket"

By Richard A. Young, Thomas J. Glover

768 pages, 3.2" x 5.4", softbound
This astonishing pocket reference is designed for the handyman, engineers, industrial workers, contractors, anyone! Contains detailed information on rope, chain, wire rope, welding, hardware, weights of materials and more!

Item # 2075 | \$12.95

Mike's Rigging Mysteries

By Mike Parnell

11 booklets, 24 pages per book, 4.25" x 5.5", softbound
 This series of books contains over 100 informative and educational rigging workshops. Riggers and non-riggers alike will be entertained with hours of fun problem-solving activities. Included with this series of books are the Journeyman, Master Rigger and Rigging Gear Inspection Reference Cards that contain charts, tables, formulas and rigging illustrations for solving the workshops.



Item # 7000 | \$49.95 Complete Set

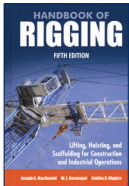


Willy's Signal Person & Master Rigger Handbook

By Ted L. Blanton, Sr.

253 pages, 4" x 5.5", softbound
 This book provides concise and simple answers to common rigging problems in an easy to understand manner.

Item # 2005 | \$19.95

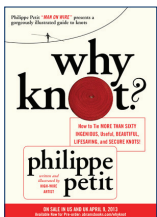


Handbook of Rigging 5th Edition

By J. MacDonald, W.E. Rossnagel and L. Higgins

759 pages, 6.5" x 8.5", hardbound
 This is a hands-on reference on the subject of lifting, hoisting and scaffolding for construction and industrial operators.

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Why Knot?

By Philippe Petit

250 pages, 5.5"x 7", hardbound
 During Philippe Petit's tight rope walking career, knots have always been an indispensable component, or one could say, the guardian angels protecting his life in the sky. Philippe's own practical sketches illustrate original methods and clear, clever tying instructions.

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Quantity Discounts Available



Mike's Safety Tips

By Mike Parnell

3 booklets, 26 pages,
 2.75" x 4.75", softbound

These easy-to-read booklets work great as a set or as individuals. Each booklet contains 25 tips per subject: rigging practices, mobile crane operations and overhead crane use. Discuss the "tips" subjects during safety meetings. These booklets are also excellent for employee handouts, safety gifts and training supplements.

English:

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- Item # 7052 (Overhead Crane Safety Tips) \$1.99
- Item # 7053 (Rigging Safety Tips) \$1.99

Spanish:

- Item # 7050SP (3-Booklet set) \$6.99
- Item # 7051SP (Mobile Crane Safety Tips) \$1.99
- Item # 7052SP (Overhead Crane Safety Tips) \$1.99
- Item # 7053SP (Rigging Safety Tips) \$1.99

Reference Cards

By Dan Cashin



Quick visual reference for tying knots, safer slinging, tagline usage. Folds to 4" x 3" \$4.95 each

- Rigger's Basic Knot Tying (12 panels) Item # 3170
- Safer Slinging (10 panels) Item # 3171
- Tag Line Usage (10 panels) Item # 3172

Web Sling & Tie Down Association Reference Material

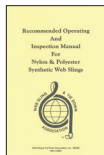


Recommended Operating, Care & Inspection for Synthetic Polyester Roundslings

19 pages, 5.5" x 8.5"

This pamphlet covers the identification, operating practices, mechanical and environmental considerations, hitches, inspection and repair of polyester roundslings.

Item # 2620 | \$6.50

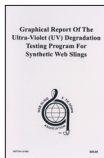


Recommended Operating & Inspection Manual for Nylon & Polyester Synthetic Web Slings

31 pages, 5.5" x 8.5"

Sling identification, operating practices, sling hitches, common errors of hitching, inspection, effects of an angle and rated capacities for web slings are covered.

Item # 2630 | \$6.50



Graphical Report of the UV Degradation Testing Program for Synthetic Web Slings

9 pages, 5.5" x 8.5"

In this report, the Web Sling & Tie Down Association Testing Committee was

responsible for the development and execution of UV testing on web slings made from synthetic fibers.

Item # 2640 | \$50.00

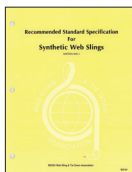


Recommended Operating, Care and Inspection Manual for Synthetic Web Tie Downs

12 pages, 5.5" x 8.5"

The definition of a web sling tie down, along with marking and labeling a tie down, is provided. This pamphlet also contains information on the number of tie downs required, operating procedures, mechanical and environmental considerations, securement, inspection, records and repairs.

Item # 2645 | \$6.50



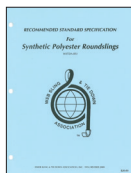
Recommended Standard Specification for Synthetic Web Slings

36 pages, 8.5" x 11"

Terminology and definitions, construction, standard procedures for testing, identification and marking

requirements and operating practices for the synthetic web sling are included in this pamphlet.

Item # 2650 | \$25.00

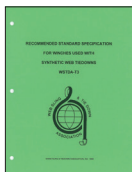


Recommended Standard Specification for Synthetic Polyester Roundslings

31 pages, 8.5" x 11"

Terminology and definition of synthetic polyester roundslings along with the materials and the construction are discussed in this revised pamphlet. It also covers standard procedures for testing and recommended operating practices.

Item # 2655 | \$25.00



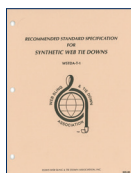
Recommended Standard Specification for Winches Used With Synthetic Web Tie Downs

16 pages, 8.5" x 11"

Terminology and definition, construction of winches, standard procedures for testing winches and recommended

operating practices are covered in this pamphlet.

Item # 2660 | \$20.00



Recommended Standard Specification for Synthetic Web Tie Downs

14 pages, 8.5" x 11"

This standard specification applies to synthetic web tie downs constructed with webbing woven from synthetic fibers for the purpose of securing a load. It covers terminology and definitions, construction, procedures for testing and operating practices.

Item # 2665 | \$25.00



Recommended Standard Specification for Load Binders Used With Chain Tie Downs

10 pages, 8.5" x 11"

This standard applies to load binders designed to accommodate chain tie downs for securing cargo.

Item #2670 | \$25.00



Sling Protection Poster

By Industrial Training International, Inc.

Poster, 24" x 36"

This colorful poster displays six different material types and methods for protecting synthetic web slings and roundslings. Abrasion resistance vs. cut resistance materials are often confusing to field personnel. Photos and descriptions help your riggers make the right choice.

Item # 9266 | \$14.95

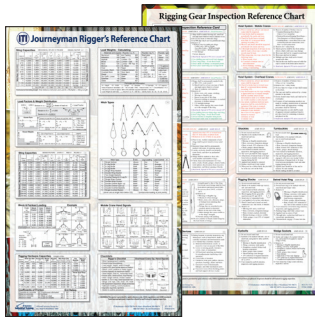
Positive Connections Poster

By Industrial Training International, Inc.

Poster, 24" x 36"

From best-to-worst, your employees can see rigging methods which encourage proper rigging selection. Methods include hardware selection and hitch options that help control the load while reducing risk. Great value.

Item # 9265 | \$14.95



Field Reference Posters and Decal

By Mike Parnell

These poster size wall charts and decal contain the same detailed information as the reference cards. **\$12.95/each**

Journeyman Rigger Poster

Item # 9210 | 18" x 29" English

Item # 9211 | 18" x 29" Spanish

Rigging Gear Inspection Poster

Item # 9220 | 18" x 29"

Lineman Rigger Poster

Item # 9230 | 23" x 29"

9" x 12" Decals | \$6.95

Item # 9240 Journeyman Rigger

Item # 9235 Lineman Rigger



Inspection of Synthetic Web Slings & Polyester Roundslings Poster

By Web Sling & Tie Down Association

Poster, 36" x 24"

This poster shows colorful photos of damaged synthetic web slings and polyester roundslings. Each photo vividly shows reason for removal from service.

Item # 9260 | \$12.95



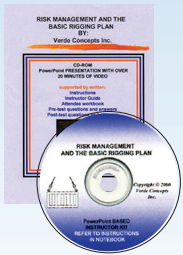
Rigging Plan

By Industrial Training International, Inc.

25 sheets, 8.5" x 11"

ITI's Rigging Plan worksheets assist in the planning and selection of rigging gear for complex lifts.

Item # 9170 | \$15.95

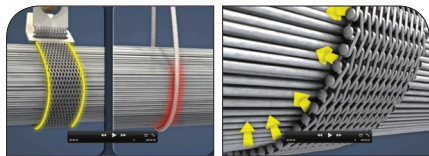


Risk Management and The Basic Rigging Plan

By Verde Concepts Inc.

CD PowerPoint® Presentation
This 53-slide PowerPoint® Instructor Kit on Basic Rigging includes CD-ROM with instructions, instructor's guide, student workbook, pre-test and post-test, 20+ minutes of video, and 5 Crosby Rigging Guide for Lifting Cards.

Item # 5404 | \$450.00



Crane & Hoist Rigging Safety

By Convergence Training

32 minutes (20 min video + 12 min test), DVD Workers will learn about the materials used for rigging and slings, the various sling hitches used, and basic safety precautions. Based on OSHA General Industry and Construction regulations, as well as recognized best rigging practices.

Topics Covered:

- The definition of rigging and slings
- The importance of rigging to crane operations
- Types of sling materials
- Types of sling hitches
- Safe rigging practices

Item # 4820 | \$249.00



In A Flash Rigging Inspection Training Program

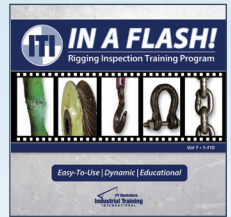
By Mike Parnell

CD PowerPoint® Presentation

A great rigging inspection training tool for use with small or large groups. An amazing collection of 110 color photos that depict the most common types of damage as outlined by OSHA, ANSI and ASME regulations which require the gear's removal from service. Written quiz included.

Item # 5406 | \$395.00 English

Item # 5407 | \$395.00 Spanish



In A Flash - Field Reference Guide - page 3



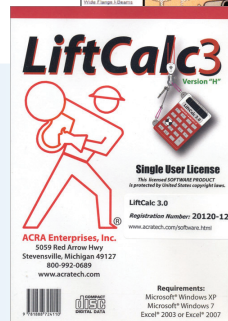
Handling Structural Steel

By Crane Institute of America, Inc.

28 minutes, DVD
This video helps

explain OSHA's new standard "Steel Erection". It shows correct techniques for maximum load stability during transport to a job site. Displays rigging techniques for sorting, shaking out and christmas treeing. Emphasis on rigging specific loads.

Item # 4570 | \$305.00



SCREEN SHOTS

LiftCalc 3.0

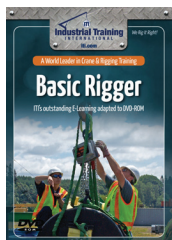
By Acra Enterprises, Inc.

CD

This CD is not your average spreadsheet. Unlike lift planning software used with cranes, this application concentrates on below the hook rigging calculations.

Item # 5430 | \$95.00

(For use with Microsoft® Excel® PC version only)



Basic Rigger (E-Learning adapted to DVD)

By Industrial Training International, Inc.

Run Time: 182 minutes
This DVD is an adaption of ITI's Basic Rigger E-Learning Course. Students are engaged through highly-visual learning and video footage that leave them feeling

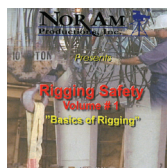
as if they were in the field with the instructor. (Module quizzes are included on DVD-ROM). Modules Include: Rigging Identification, Steel Slings, Synthetic Slings, Rigging Hardware, Hitches, Capacities, and Sling Protection.

Item # 4175-ROM

(Module quizzes included, Computer Only) | \$495.00

Item # 4175-VIDEO

(Module quizzes **NOT** included, DVD Only) | \$495.00



Rigging Safety Volume 1 "Basics of Rigging"

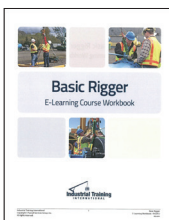
By NorAm Productions, Inc.

15 minutes, DVD

This safety training video provides you with some basic information

regarding the very complex topic of rigging. It also introduces various types of slings and rigging hardware, as well as an overview of various sling types.

Item # 4795 | \$375.00



Basic Rigger, E-Learning Course Student Workbook

By Industrial Training International, Inc.

38 pgs, 8.5"x 11", spiral bound
The perfect follow-along study guide to the DVD Course.

Item # 4176 | \$20.00



WRCA Lifting Products Interactive CD

By Wire Rope Corporation of America

Outstanding video clips show preparation of high carbon steel

rod, wire drawing, stranding and closing of wire rope. The Virtual Manufacturing Tour and additional video clips provide excellent training and testing sessions for the viewer. Specialty ropes, such as rotation resistant, compacted strand and plastic impregnated are highlighted. Additional sections address fabricated slings and calculation functions.

Item # 5409 | \$95.00



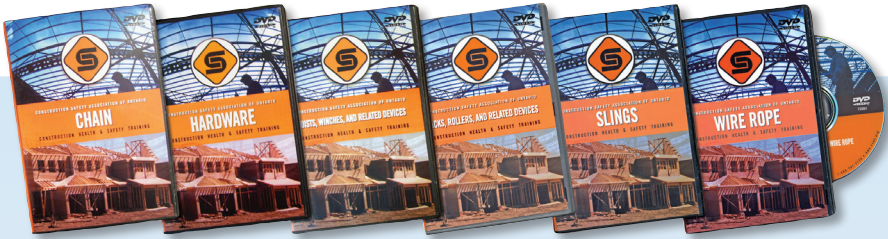
Tips from the Pros: Rigging & Lifting DVD

By VISTA, Inc.

After a quick review of the basics, this video offers tips on how to estimate the weight and center of gravity for large or odd shaped loads.

Item #4125 | \$199.00





Safety in Rigging DVD's

By Infrastructure Health & Safety Association

Chain

13 minutes, DVD

Alloy chain and alloy components are used to create high strength slings. This video explains the characteristics of this chain, how it is used, when it should be used for rigging and demonstrates the procedures for inspection.

Item # 4651 | \$160.00

Hardware

20 minutes, DVD

Identifies a wide range of hardware, such as hooks, shackles, eye bolts, turnbuckles, sheaves and spreader beams. Regular inspection and maintenance, safe working loads and rated capacities are also included.

Item # 4641 | \$160.00

Hoists, Winches, and Related Devices

20 minutes, DVD

Highlights safe lifting alternatives when the load is too small or headroom is too limited to use a crane. Covers chain hoists, come-a-longs, grip hoists, electrical hoists, trolleys, and powered winches or tuggers, with emphasis on anchorage, pull angle and load.

Item # 4681 | \$160.00

Jacks, Rollers and Related Devices

20 minutes, DVD

This video covers rigging techniques for moving and placing machinery without the use of cranes, forklifts or similar equipment. The safe and efficient operation of hydraulic jacks, blocking and cribbing, rollers, inclined planes, jacking towers and much more is demonstrated.

Item # 4691 | \$160.00

Slings

20 minutes, DVD

Identifies the various types of slings and their application based on hitch type, efficiency of end fittings and working environment. Demonstrates how to calculate safe working load limits and shows how sling angles can greatly affect the capacity of a sling.

Item # 4661 | \$160.00

Wire Rope

19 minutes, DVD

Identifies the various types and applications of wire rope. Guidelines for selection, inspection and maintenance are all demonstrated in detail. Safe working load determination is emphasized.

Item # 4621 | \$160.00

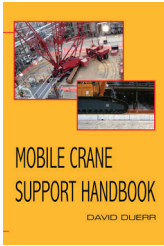
Reeving

15 minutes, DVD

The components, mechanical advantages, friction loads, and methods of reeving are carefully reviewed. Instructor's notes provide step-by-step reeving directions.

Item # 4671 | \$160.00





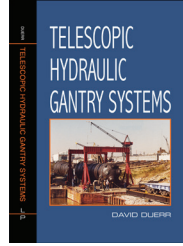
Mobile Crane Support Handbook

By David Duerr

168 pages, 6" x 9", softbound
This comprehensive reference that is focused exclusively on the design and engineering of supports of mobile crane installations. Written by one of the leading lifting specialist

engineers, this book addresses the full range of subjects needed for the engineering of mobile crane support in the construction job site environment.

Item # 1280 | \$39.00



Telescopic Hydraulic Gantry Systems

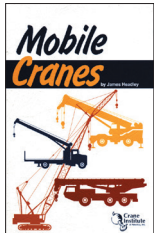
By David Duerr

261 pages, 6" x 9", hardbound

The first comprehensive handbook that addresses the use of hydraulic gantry systems for lifting in construction and industrial

environments. Written by one of the leading authorities on gantries, topics covered include the basic features and capabilities of gantries, lift planning and engineering, and industry standards, safety and risk management.

Item # 2440 | \$42.00



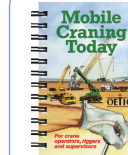
Mobile Cranes

By James Headley

203 pages, 6" x 9", softbound

The most up-to-date book available on mobile cranes. Topics include hoisting personnel, load charts, inspection, working around power lines, operating procedures and much more.

Item # 1300 | \$29.95



Mobile Craning Today

By Operating Engineers Training Institute of Ontario

289 pages, 5" x 6.75", spiral bound

The essential reference manual for crane operators. 13 Sections cover technical data, conditions affecting capacities, weights of the lift, multiple crane lifts, preparing for a lift, calculating crane capacities and more.

Item # 2050 | \$29.95



Recommended Practices for Telescopic Hydraulic Gantry Systems

By SC&RA

24 pages, 8.5" x 11", softbound

Topics Include: Scope, Definitions, References;

Construction and Characteristics; Inspection, Load Testing, and Maintenance; Pre-Lift Planning and Engineering; and Operations.

Item # 2445 | \$69.00



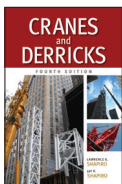
Crane Safety Manual

By Association of Equipment Manufacturers

76 pages, 8.5" x 5.5", softbound

The Crane Safety Manual provides extensive information regarding safe crane operation and maintenance. This manual is not a substitute for the manufacturer's manual(s).

Item # 2700 | \$7.95



Cranes and Derricks Fourth Edition

By Howard Shapiro PE, J P Shapiro PE, and Lawrence K Shapiro PE

654 pages, 6" x 9", hardbound

A comprehensive handbook on the selection, installation and safe use of cranes and derricks on construction sites.

Item # 1270 | \$99.95



Mobile Crane Manual

By Infrastructure Health & Safety Assc.

419 pages, 8.5" x 11", hardbound

This manual is intended to provide information essential to the operation of mobile cranes and the proper use of crane capacity charts.

Item # 1065 | \$89.00



Mobile Crane Hand Signal Poster

By Industrial Training International, Inc.

23" x 34"
The Mobile Crane Operator Hand Signal Poster displays 20 of the most common hand signals used in crane operations. Meets OSHA required regulations.

Item # 9250 | \$12.95



Mobile Crane Hand Signal Decal

By Industrial Training International, Inc.

Mobile Crane Hand Signal Chart is a 14" x 11", weatherproof decal. Designed to meet OSHA required regulations. This adhesive chart clearly displays 20 of the most common hand signals used in crane operations. Easy to read, dark blue and black on white.

Item # 9255 | \$9.00



Mobile Crane Hand Signal Hard Hat Decal

By Crane Institute of America, Inc.

Curved to fit on the side or bill of your hard hat. Includes hand signals required by OSHA and ANSI/ASME when directing operators of mobile cranes. Weatherproof decal.

Item # 9290 | \$3.95



Overhead Crane Hand Signal Chart

By Crane Institute of America, Inc.

5.5" x 8.5", Decal, weatherproof
Nine overhead crane hand signals.

Item # 9270 | \$9.95

Crane Cab Decal

By Corporon's Equipment Log

Self-adhesive, 5" x 3"

Crane cab decals remind operators to keep parts of crane and load 10 feet from power lines.

Item # 9020 | \$.95/ea



Overhead Crane/Forklift Hand Signal Card

By Industrial Training International, Inc.

3.5" x 2.25" (laminated, two-sided)
Easy to read, two-sided card for indoor material handling operations. Nine overhead crane hand signals on side one and seven forklift hand signals on side two.

Item # 3065 | \$24.95 (Set of 25)



Hoisting Hand Signal Cards

By Infrastructure Health & Safety Assoc.

3.85" x 2.75" (laminated, two-sided)
23 hand signals for hoisting operations. A quick and easy reference for anyone using crane hand signals.

Item # 3120 | \$67.00 (Set of 25)



Crane Hand Signal Cards - Spanish and English

By Industrial Training International, Inc.

3.25" x 2" (laminated, two-sided)
Quick reference, with Spanish on one side and English on the other side. 20 of the most common crane hand signals. Meets OSHA required regulations.

Item # 3140 | \$21.95 (Set of 50)



Overhead Crane Hand Signal Card

By Crane Institute of America, Inc.

3.75" x 2.25", (laminated, two-sided)
Wallet size to illustrate the correct signals required by OSHA and ANSI/ASME when directing the operation of overhead cranes.

Item # 9271 | \$1.50



High Voltage Warning Decal

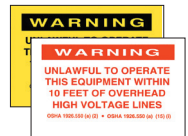
By Corporon's Equipment Log

Self-adhesive, 7" x 5"

Place on each side of every crane, derrick, dump truck and backhoe.

Item # 9025 | Red on White | \$1.60

Item # 9026 | Black on Yellow | \$1.60





Mobile Crane Operator Reference Card

By Mike Parnell

20 panel, folds to 5.75" x 3.5"

The Mobile Crane Operator card addresses the following subjects: crane leverage, pre-op inspection, crane setup, operator checklist, electrical clearance, hand signals, weight consideration, weights of materials, sling capacities, hitch types, boom control, hardware, critical lift, reeving, suspended personnel platforms and hoist rope capacities.

Item # 3071 | Pocket Size

Quantity Discounts

1-9	\$8.95 each
10-24	\$8.50 each
25-49	\$8.25 each
50-99	\$8.00 each
100+	\$7.50 each

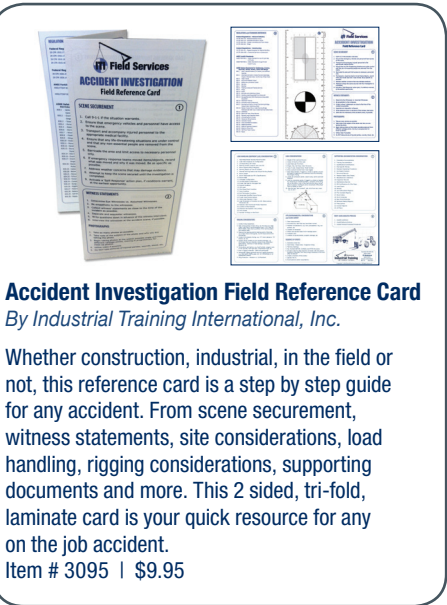


MCO Responsibilities Field Reference Card

By ASME, with permission for reprinting granted to ITI, Inc.

6 Panels, folds to 11" x 3.75"
Durable tri-fold, laminated field reference card which identifies the responsibilities of the Lift Director, Site Supervisor, Crane Owner, Crane User and Crane Operator as described in ASME B30.5 Mobile Cranes.

Item # 3075 | \$9.95



Accident Investigation Field Reference Card

By Industrial Training International, Inc.

Whether construction, industrial, in the field or not, this reference card is a step by step guide for any accident. From scene securement, witness statements, site considerations, load handling, rigging considerations, supporting documents and more. This 2 sided, tri-fold, laminate card is your quick resource for any on the job accident.

Item # 3095 | \$9.95



Bob's Overhead Crane & Rigging Handbook

By Pellow Engineering Services, Inc.

211 pages, softbound
A well documented guide covering overhead cranes. Daily checklist,

detailed inspection procedures, operating practices, weight tables, sling angles and tensions and more.

Pocket reference size 4.5" x 6"

Item # 2040 | \$16.00

Large desk reference size 8.25" x 10.75"

Item # 2041 | \$27.00



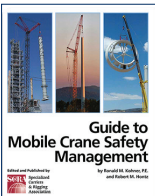
Crane Maintenance Log

By Corporon's Equipment Log

8.5" x 11"

Two-part carbonless daily and monthly log. Good for one year of record keeping for one crane.

Item # 9010 | \$10.00



Guide to Mobile Crane Safety Management

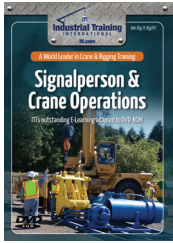
By SC&RA

104 pages, 8.5" x 11",
softbound

A comprehensive reference manual for crane and lifting operations. Focused on four

key areas of consideration when managing mobile crane utilization on a job site including Risk; Lift Classification; Lift Planning; and Job site issues.

Item # 1252 | \$199.00



Signalperson & Crane Operations (E-Learning adapted to DVD)

By Industrial Training International, Inc.

Run Time: 125 minutes
This DVD is an adaption of ITI's Signalperson & Crane Operations E-Learning Course. Students are engaged through highly-

visual learning and video footage that leave them feeling as if they were in the field with the instructor. (Module quizzes are included on DVD-ROM only).
Modules Include: Crane Types, Crane Operations, Crane Capacities and Dynamics, Hand Signals, Voice Commands, Knots, Hitches, and Taglines.

Item # 4180-ROM

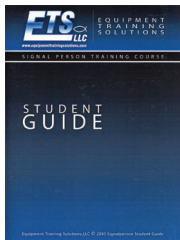
(Module quizzes included, Computer Only) | \$495.00

Item # 4180-VIDEO

(Module quizzes **NOT** included, DVD Only) | \$495.00

ETS Signal Person Training Program

By Equipment Training Solutions

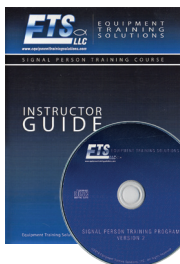


ETS Student Guide

78 pages, 8.5" x 11", softbound w/review questions

The Student Guide allows the student to easily follow along with the instructor and the illustrations provided in the program.

Item # 3155 | \$12.99

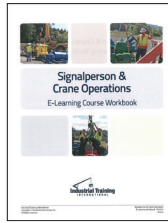


ETS Instructor Guide with CD

70 pages, 8.5" x 11", softbound

Item # 3150 | \$499.00

For a complete Training and Testing Package, combine with the ITI Qualified Signalperson Testing Package below.



Signalperson & Crane Operations, E-Learning Course Student Workbook

By Industrial Training International, Inc.

24 pages, 8.5"x 11", spiral bound
The perfect follow-along study guide to the DVD Course.

Item # 4181 | \$20.00



Crane Accidents: Causes & Trends

By Jim Wiethorn, P.E.

221 pgs, 8.5"x 11", softbound
A comprehensive look at over 500 crane accidents from 1983-2013. Providing an overview of causes and trends, and industry-specific analysis of accidents.

Item # 1092 | \$249.00

Professional Mobile Crane Operations Program

By AGC of America



Participant's Guide

This follow along guide covers rules and regulations, site review and set-up, operations, conditions, basic rigging & wire rope, maintenance & inspection, load charts, and crane types.

Item # 1076 | \$75.00



Instructor's CD

This instructor guide is in PowerPoint format. Use with the Participant's Guide for a complete training program.

Item # 1075 | \$150.00

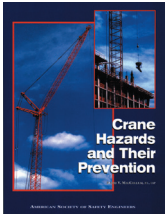


ITI Qualified Signalperson Testing Package

By Industrial Training International, Inc.

To assist your company in meeting the new OSHA requirements, this complete Signalperson Testing Package CD includes: examiner guide, practical examiner script, practical exam score sheet, 15 written exams, answer key, qualification card and certificate template.

Item # 4150 | \$395.00 Includes 15 exams (Call for additional exams)

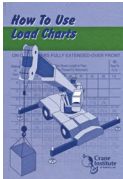


Crane Hazards and Their Prevention

By David V. MacCollum, P.E., CSP

172 pages, 8" x 10", softbound
A detailed analysis of 47 crane hazards with a description of safety requirements and references to the specific standards applicable to each.

Item # 1090 | \$74.00

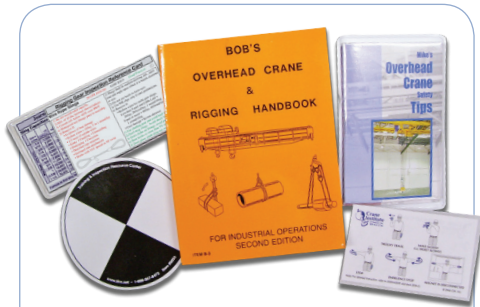


How to Use Load Charts

By Crane Institute of America, Inc.

87 pages, 4.5" x 6.75", softbound
Step by step, this guide explains how to determine the lifting capacity of a crane. Areas of operation, load radius, gross and net capacity, parts of the line and other common technical terms are also defined and illustrated.

Item # 5570 | \$10.95



Overhead Crane Operator Bundle

The essentials for an overhead crane operator.
Includes the following:

- Bob's Overhead Crane & Rigging Handbook (Pocket Size)
- Rigging Gear Inspection Reference Card
- Mike's Safety Tips (3 booklet pack)
- Center of Gravity Magnet (3.75" round)
- Overhead Hand Signal Chart (laminated, 2-sided, 3.75" x 2.25")

Complete 5 Piece Bundle

Item # 6503 | \$24.00



IPT's Crane and Rigging Training Manual and Handbook

By Ronald G. Garby

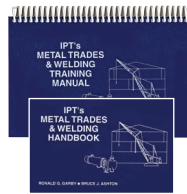
This manual is used for training programs by riggers, crane operators, in-house maintenance personnel and engineers. It addresses wire rope and inspection, rigging hardware, slings and safe working loads, chain data, mobile crane set-up and stability.

Manual

609 pages, 8.25" x 5.5", spiral bound
(Includes question and answer book)
Item # 5300 | \$39.50

Handbook

609 pages, 5.75" x 3.75", softbound
(Question and answer book, NOT included)
Item # 2300 | \$28.00



IPT Metal Trades & Welding Training Manual or Handbook

By Ronald G. Garby & Bruce Ashton

Revised in 2007, this book now features 15 detailed sections. Topics range from mobile cranes and heat exchangers to concrete reinforcing and welding metallurgy, and everything in between.

Manual

580 pages, spiral bound, 8.25" x 5.5"
(Includes question and answer book)
Item # 5310 | \$39.50

Handbook

580 pages, softbound, 5.75" x 3.75"
(Question and answer book, NOT included)
Item # 2310 | \$28.00



Crane Operations and Cargo Handling

By North Sea Lifting Ltd.

120 pages, 4" x 5.5", softbound
This color illustrated pocketbook combines both crane operation and cargo handling to show how to minimize the risk of injury to people and damage to gear and equipment.
Item # 2410 | \$29.00



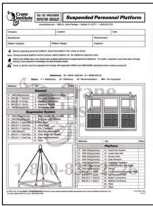
Checklists for OSHA Required Annual Inspections

By Crane Institute of America, Inc.

12 per pack
Annual, periodic and monthly crane inspection checklists. These checklists provide the OSHA/ANSI reference for each item inspected.

Included are areas for documenting wire rope inspection and load testing.

- Item # 9186 Articulating Boom Crane
 - Item # 9188 Tower Crane
 - Item # 9190 Lattice Boom Cranes
 - Item # 9191 Telescopic Boom Cranes
 - Item # 9192 Boom Trucks
 - Item # 9193 Bridge & Gantry Crane
 - Item # 9194 Monorail Systems
 - Item # 9195 Jib Cranes & Hoists
- Each Pack | \$34.95



Suspended Personnel Platform

By Crane Institute of America, Inc.

12 per pack
An excellent form for documenting the OSHA and ASME requirements when inspecting personnel platforms (manbaskets) used in hoisting personnel with cranes.

Item # 9187 | \$19.95



Load Winching Plan

By Industrial Training International, Inc.

12 per pack
This well designed four-page document helps a field crew plan and perform a winching task with complete confidence. The plan calls for the full

description of the winch requirements, rigging block position and anchoring details, rigging, load coefficient of friction, personnel assignments, load path outline and much more.

Item # 9160 | \$15.95



Checklists for OSHA Required Pre-Operational Inspections

By Crane Institute of America, Inc.

50 per pad
These daily inspection forms offer columns to evaluate the structure, fluids, functions and devices of the equipment.

- Item # 9100 Lattice Boom Cranes
 - Item # 9110 Telescopic Boom Cranes
 - Item # 9120 Overhead Bridge Crane
- Each Pad | \$19.95



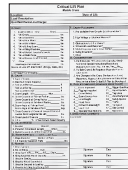
Overhead Crane - Critical Lift Plan

By Industrial Training International, Inc.

12 per pack
When a particular lift with an overhead crane requires substantial planning due to special circumstances, a critical lift plan may be in order. The four-page layout of

this document accommodates checklist items, load and path sketches and team member assignments.

Item # 9150 | \$15.95



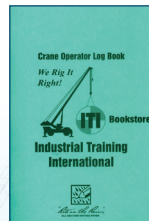
Mobile Crane - Critical Lift Plan

By Industrial Training International, Inc.

12 per pack
This four-page document helps site management organize the elements necessary for executing a critical lift. Categories outlined include load

information, crane configuration, reeving, rigging, capacities, personnel assignments and much more.

Item # 9140 | \$15.95



Crane Operator Log Book

By Industrial Training International, Inc.

48 pages, 4.5" x 7", softbound
The unique all-weather writing paper, *Rite in the Rain*, was created to shed water. The pages are not pre-dated so the operator is able to start using

the book anytime during the year.

Item # 9012 | \$9.95

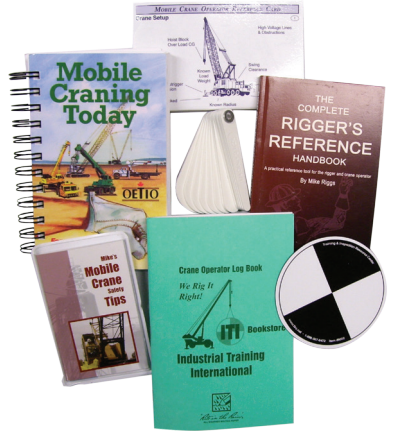
Mobile Crane Operator Pack

Includes:

- Item # 2050 | \$ 29.95 Mobile Craning Today
- Item # 2450 | \$ 13.50 The Complete Riggers Reference Handbook
- Item # 3071 | \$ 8.95 MCO Reference Card
- Item # 9050 | \$ 2.00 Center of Gravity Magnet
- Item # 6006 | \$ 20.00 Sheave Gauge (Plastic .25" to 1.5")
- Item # 7050 | \$ 6.99 Mike's Safety Tips (3 booklet pack)
- Item # 9012 | \$ 9.95 Crane Operator Log Book

Purchase items individually, or as a complete set and save!

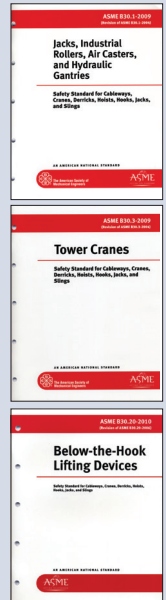
Mobile Crane Operator Pack (complete set) Item # 6501 | \$78.50



ASME Standards

The American Society of Mechanical Engineers has developed codes and standards under procedures accredited as meeting the criteria of the American National Standards Committee. Each standard comes in an 8.25" x 11" booklet.

B30.1	Jacks	Item # 9301		\$ 67.00
B30.2	Overhead Cranes	Item # 9302		\$ 72.00
B30.3	Tower Cranes	Item # 9303		\$ 70.00
B30.4	Portal, Tower, Pedestal Cranes	Item # 9304		\$ 70.00
B30.5	Mobile & Locomotive Cranes	Item # 9305		\$103.00
B30.6	Derricks	Item # 9306		\$ 62.00
B30.7	Winches	Item # 9307		\$ 62.00
B30.8	Floating Cranes/Floating Derricks	Item # 9308		\$ 76.00
B30.9	Slings	Item # 9309		\$ 99.00
B30.10	Hooks	Item # 9310		\$ 70.00
B30.11	Monorails & Underhung Cranes	Item # 9311		\$ 82.00
B30.14	Side Boom Tractors	Item # 9314		\$ 58.00
B30.16	Overhead Hoists (Underhung)	Item # 9316		\$ 72.00
B30.17	Cranes & Monorails(w/Underhung Trolley or Bridge)	Item # 9317		\$ 76.00
B30.20	Below-The-Hook Lifting Devices	Item # 9320		\$ 85.00
BTH-1	Design of Below-The-Hook Lifting Devices	Item # 9320a		\$ 70.00
B30.21	Manually Lever-Operated Hoists	Item # 9321		\$ 70.00
B30.22	Articulating Boom Cranes	Item # 9322		\$ 75.00
B30.23	Personnel Lifting Systems	Item # 9323		\$ 65.00
B30.26	Rigging Hardware	Item # 9326		\$ 62.00
P30.1	Planning for Load Handling Activities	Item # 9350		\$ 72.00



Overhead Crane Training Program

By Industrial Training International, Inc.

CD-PowerPoint® (143 Slides)

This complete training program contains a PowerPoint® presentation, instructor manual, student workbook with answer key, exam with answer key, hands-on evaluation forms in Word and Excel and 10 Journeyman Rigger Reference Cards. The modules covered on this CD are introduction to the overhead crane, daily inspections, control functions, operating practices, hand signals and rigging. This CD is full of valuable information and safe working practices to be presented by your in-house trainer.

Item # 5408 | \$499.00 | English

Item # 5408SP | \$499.00 | Spanish



Using Standard Communication Signals To Direct Crane Operations

By Crane Inspection and Certification Bureau

CD

A complete interactive two-disk program that teaches users the Standard Hand and Voice Communication Signals to direct crane operations. This CD set includes voice signal requirements, defines who is qualified to give signals, discusses the responsibilities of the operator, the supervisor and the signaler, includes the ASME and OSHA Standards, has a pre-test with 25 questions, a final exam with 110 questions.

Item # 5421 | \$449.00

Hard Hat Training Series

By Safety Provisions, Inc.

CD PowerPoint

Re-use the materials as often as needed, customize the materials to fit your specific needs, even replace our logo with yours! CD PowerPoint presentations come in around 230 slides. Student manuals are 25-50 pages (depending on the course). Kits include digital posters, hand signal wallet cards, hand signal video clips, practical observation forms, written exams, answer key, certificates and much more.

Item # 5412 Boom Truck Safety Training*

Item # 5413 Pedestal Mounted Crane Operator Safety Training

Item # 5417 Rough Terrain Crane Operator Safety Training*

Item # 5426 Articulated Boom Truck Operator Safety Training

Each Item | \$395.00

* Indicates available in Spanish. Spanish version includes CD PowerPoint in English with student workbook and exams in Spanish.

BOOM TRUCK TRAINING KIT



PEDESTAL CRANE TRAINING KIT



ROUGH TERRAIN TRAINING KIT



KNUCKLE BOOM TRAINING KIT



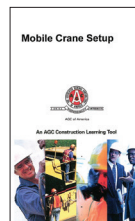
Crane Safety

By Association of Equipment Manufacturers

23 minutes, DVD

Following a safety program, maintenance precautions and special operating are covered on this DVD.

Item # 4800 | \$69.95



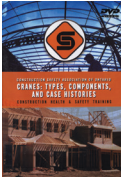
Mobile Crane Set Up

By Associated General Contractors of America

18 minutes, DVD

This video provides information on the safe set-up of mobile cranes. Includes: site condition hazards, leveling, blocking and planning.

Item # 4100 | \$189.00



Cranes: Types, Components and Case Histories

By Infrastructure Health & Safety Assc.

Graphics and live action are used to identify crane types, describe components and explain how to select the right crane. Case histories show consequences of improper setup and operation.

19 minutes, DVD | Item # 4601 | \$160.00

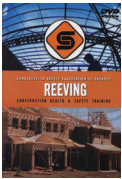


Hazard Awareness in Crane Operating Areas

By Infrastructure Health & Safety Assc.

Bigger and better cranes have improved efficiency on construction sites, but have also increased the potential for fatalities, injuries and property damage. Explores hazards in crane operating areas.

15 minutes, DVD | Item # 4611 | \$160.00



Reeving

By Infrastructure Health & Safety Assc.

The components, mechanical advantages, friction loads, and methods of reeving are carefully reviewed. Instructor's notes provide step-by-step reeving directions.

15 minutes, DVD | Item # 4671 | \$160.00

Overhead Crane Safety

By Crane Institute of America, Inc.



20 minutes, DVD

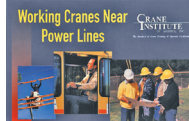
Inspection, operating practices, operator qualification requirements and when to lock-out and tag-out overhead

cranes are thoroughly covered in this video.

Item # 4560 | \$305.00

Working Cranes Near Power Lines

By Crane Institute of America, Inc.



30 minutes, DVD

Starting with the pre-lift meeting, the viewer is taken through the procedures necessary to avoid the lethal results

that often occur when cranes contact power lines.

Item # 4510 | \$305.00

How to Properly Interpret a Load Chart

By Crane Institute of America, Inc.



25 minutes, DVD

The viewer is guided step-by-step in how to find gross capacity, determine capacity deductions, calculate net

capacity and determine parts of a line.

Item # 4550 | \$305.00



Crane DVD's by

\$375.00 ea.

Overhead Cranes



Basic Overhead Crane Safety

This DVD details the basic fundamentals of overhead crane operations by systematically demonstrating a daily operator inspection, as well as numerous safe operating practices.

17 minutes | Item # 4760



Cab Operated Overhead Crane Safety

An overview of daily operator inspection, crane position and movement techniques, safe operating practices and shutdown procedures.

17 minutes | Item # 4700



Overhead Crane Communications

Discusses the signal person's responsibilities, comparing and contrasting various verbal communication devices and physically demonstrates the industry standard crane specific hand signals.

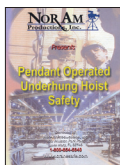
16 minutes | Item # 4730



Remote Controlled Overhead Crane Safety

An overview of daily operator inspection, crane positioning techniques, safe operator practices, and shutdown procedures.

17 minutes | Item # 4750

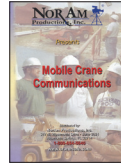


Pendant Operated Underhung Hoist Safety

This DVD will give your operators valuable insight, by guiding them through a daily inspection, as well as demonstrating numerous safe operator practices.

16 minutes | Item # 4720

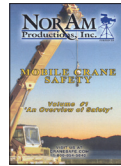
Mobile Cranes



Mobile Crane Communications

Discusses the signal person's responsibilities & crane specific hand signals (industry standard) with corresponding crane actions.

20 minutes | Item # 4740



Mobile Crane Safety "An Overview of Safety"

From detailed animation models of common types of mobile cranes, a preliminary site assessment, to the daily operator inspection criteria, this DVD is packed full of critical information that every mobile crane operator can benefit from.

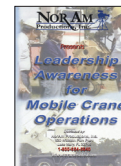
18 minutes | Item # 4770



Industrial Mobile Crane Safety

From the importance of a daily operator inspection to operational and load limitations, this in-depth DVD is full of critical information.

20 minutes | Item # 4790



Leadership Awareness for Mobile Crane Operations

An effective safety DVD provides valuable insight that help to prevent mobile crane accidents, and lays out simple steps for preventing common crane mishaps.

11 minutes | Item # 4710



Boom Truck Operator Safety

This safety DVD will assist in training all boom truck operators with an overview of Operator Safety. From a preliminary site assessment to the daily pre-operational inspection criteria,

this DVD is packed full of critical information.

15 minutes | Item # 4780



Industrial Training INTERNATIONAL

ITI Standards Book

Binder includes standards from both:
American Society of Mechanical Engineers (ASME)
Code of Federal Regulations (CFR)

- Section 1 ASME B30.2 Overhead & Gantry Cranes
- Section 2 ASME B30.5 Mobile & Locomotive Cranes
- Section 3 ASME B30.9 Slings
- Section 4 ASME B30.10 Hooks
- Section 5 ASME B30.11 Monorails & Underhung Cranes
- Section 6 ASME B30.16 Overhead Hoists
- Section 7 ASME B30.20 Below-the-hook Lifting Devices
- Section 8 ASME B30.26 Rigging Hardware
- Section 9 CFR 1910.179 General Industry Overhead & Gantry Cranes
- Section 10 CFR 1910.180 General Industry Crawler/Locomotive/Truck Cranes
- Section 11 CFR 1910.184 General Industry Slings
- Section 12 CFR 1915.111-130 Shipyard Rigging & Material Handling
- Section 13 CFR 1917.41 Marine Terminals Cargo Handling Gear & Equipment
- Section 14 CFR 1917.45 Marine Terminals Cranes & Derricks
- Section 15 CFR 1918.61-74 Longshoring Cargo Handling/Cranes & Derricks
- Section 16 CFR 1926.1400 Construction Cranes & Derricks

Item # 9800 | \$795.00



Safety Manuals

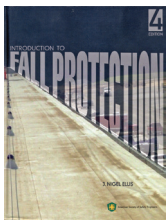
By Association of Equipment Manufacturers

8.5" x 5.5", softbound

These booklets contain a wealth of information and many practical job-proven suggestions for encouraging safety-conscious attitudes and performance.

- Item # 2701 Grader Safety Manual
- Item # 2702 Hydraulic Excavator Safety Manual
- Item # 2703 Wheel Loader/Tractor Safety Manual
- Item # 2704 Crawler Tractor/Loader Safety Manual
- Item # 2705 Aerial Devices Safety Manual
- Item # 2706 Aerial Platform Safety Manual
- Item # 2707 Skid-Steer Safety Manual
- Item # 2708 Backhoe/Loader Safety Manual
- Item # 2709 Scrap & Material Handler Safety Manual
- Item # 2710 Rough Terrain Forklift Safety Manual
- Item # 2711 Truck-Mounted Forklift Safety Manual

AEM Safety Manuals | \$7.95 each



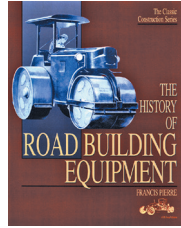
Introduction to Fall Protection 4th Edition

By J Nigel Ellis

616 pages, 8.5" x 11", hardbound

This 4th Edition brings many illustrations and photos which provide clear examples of the proper and improper ways to deal with fall hazards. Sections include rope access methods, consensus standards, and rescue of fallen workers. All chapters have review questions and answers.

Item # 1080 | \$119.50

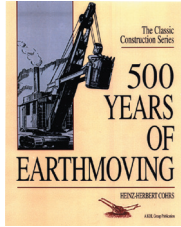


The History of Roadbuilding Equipment

By KHL International

262 pages, 10" x 13", hardbound
The evolution of road pavers, concrete and asphalt production plants, road cleaning machinery, bridge building systems and much more.

Item # 1220 | \$79.95



500 Years of Earthmoving

By KHL International

260 pages, 10" x 13", hardbound
This superbly illustrated history of earthmoving systems and equipment. More than 400 photographs, drawings and illustrations.

Item # 1200 | \$79.95



Operating Techniques for the Tractor-Loader-Backhoe

By Equipment Training Resources

270 pages, 8.5" x 11", softbound
Get the maximum productivity from this highly versatile machine, understand how experienced, veteran operators plan the job

before work begins, cutting wasted movement to a minimum. You will learn how to work safely in tight job situations and tackle the really difficult jobs safely and effectively. Included is a Q&A section for each chapter.

Item # 1070 | \$38.00 (English)

Item # 1070-PDF | \$300.00 (PDF on CD - English)

Item # 1071 | \$38.00 (Spanish)



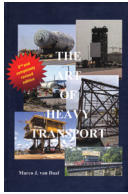
Fall Protection

By Crane Institute of America, Inc.

38 pages, 5.5" x 8.5", softbound

This guide is designed to discuss types, requirements and applications of standard fall protection systems. Using OSHA as a guide, it serves as a model for training personnel in effective reduction of risks.

Item # 5510 | \$14.95



The Art of Heavy Transport

By Marco J. van Daal

411 pages, 6.25"x 9.5", hardbound
This book is a reference guide and engineering base for a safe execution of all heavy transports. It covers every aspect such as:

Hydraulic stability calculations, structural stability calculations, axle groups/suspension, dunnage & lashing, external forces such as wind, curve impact, center of gravity, and much, much more.

Item # 1240 | \$199.95



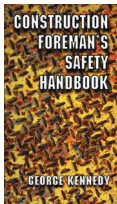
Safety On The Rig, 4th Edition Unit 1, Lesson 10

By PETEX

214 pgs, 10.9"x 8.4", softbound
Review Questions & Answers Included. This comprehensive

book focuses on the importance of safety on any rig. This lesson covers safe transportation to and from a rig, hand- and power-tool safety, rig operations and equipment, first aid, and proper response to emergencies.

Item # 2430 | \$68.00

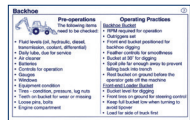


Construction Foreman's Safety Handbook

By George Kennedy

143 pages, 4" x 7", softbound
Provides all the essential information you'll need to ensure construction sites are as safe as they can be.

Item # 2060 | \$42.95



Heavy Equipment Operator's Card

By Industrial Training International, Inc.

10 panels, folds to 3.25" x 2"
Equipment specific panels cover pre-op inspections and operating practice reminders for heavy equipment operators. Addresses dozers, graders, trucks, cranes, backhoes, forklifts, snowcats, tractors and load securement.

Item # 3040 | \$4.95 each

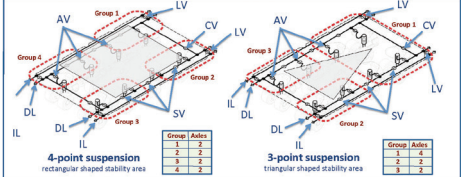


Hydraulic Platform Transporters Reference Card



Principle Working, Definitions and Terminology

A hydraulic platform transporter distinguishes itself by the hydraulic suspension of the axles and the way these axles can be plumbed into axle groups to ensure stability



Equipment, load and environment abbreviations:

T_1 = transporter length	W_t = weight load	S_{SA} = Safe Hydraulic Stability Angle	DL = direct line
T_w = transporter width	W_p = weight transporter	S_{SA} = Safe Structural Stability Angle	IL = indirect line
D_{ax} = axle base	W_{ax} = $W_t + W_p$	ξ = gravitation	AV = axle valve
D_{ax} = axle spacing	W_{ax} = axle load	r = radius of the curve	SV = split valve
V_0 = start velocity	A_{ax} = axle capacity	α = longitudinal gradient	LV = line valve
B_{br} = brake distance	W_{max} = A_{ax}	B_{tr} = transverse gradient	CV = cross-over valve

Transporter Types & Required Axle lines

Pull Type (or Pull Type converted to SPMT)	SPMT (Self Propelled Modular Transporter)	SPMT steering capabilities																																						
<ul style="list-style-type: none"> double tires, 8 per axle line 4 per axle / wheel set payload 25 ton / axle line electronic/mechanical steering steering angle: 55° (approx.) 	<ul style="list-style-type: none"> single tires, 4 per axle line 2 per axle / wheel set payload 30 ton / axle line full electronic steering steering angle: limitless 	<ul style="list-style-type: none"> normal transverse rotate crab cardinal 																																						
<p>axle base = D_{ax} single = 1,800 mm double = 3,600 mm axle spacing = D_{ax} D_{ax} = 1,320 mm</p>	<p>axle base = D_{ax} single = 2,450 mm double = 2,900 mm axle spacing = D_{ax} D_{ax} = 1,400 mm</p>																																							
<p>Required Axle lines, an example</p> <p>Given: bullet tank of 342 ton (metric)</p> <p>Question: required SPMT or Pull Type axle lines</p> <p>Answer: SPMT: 342 / 30 ton/axle = 12 axles lines Pull Type: 342 / 25 ton/axle = 14 axles lines</p> <p>Notes: No dynamic factors are accounted for Picture shows 2 x 16 double wheel SPMT</p>	<p>Conversion Chart</p> <table border="1"> <tr><td>500</td><td>500.00</td><td>18"</td></tr> <tr><td>750</td><td>750.00</td><td>27"</td></tr> <tr><td>1,000</td><td>1,000.00</td><td>36"</td></tr> <tr><td>1,250</td><td>1,250.00</td><td>45"</td></tr> <tr><td>1,500</td><td>1,500.00</td><td>54"</td></tr> <tr><td>1,750</td><td>1,750.00</td><td>63"</td></tr> <tr><td>2,000</td><td>2,000.00</td><td>72"</td></tr> <tr><td>2,250</td><td>2,250.00</td><td>81"</td></tr> <tr><td>2,500</td><td>2,500.00</td><td>90"</td></tr> <tr><td>2,750</td><td>2,750.00</td><td>99"</td></tr> <tr><td>3,000</td><td>3,000.00</td><td>108"</td></tr> <tr><td>3,250</td><td>3,250.00</td><td>117"</td></tr> <tr><td>3,500</td><td>3,500.00</td><td>126"</td></tr> </table>	500	500.00	18"	750	750.00	27"	1,000	1,000.00	36"	1,250	1,250.00	45"	1,500	1,500.00	54"	1,750	1,750.00	63"	2,000	2,000.00	72"	2,250	2,250.00	81"	2,500	2,500.00	90"	2,750	2,750.00	99"	3,000	3,000.00	108"	3,250	3,250.00	117"	3,500	3,500.00	126"
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3,000	3,000.00	108"																																						
3,250	3,250.00	117"																																						
3,500	3,500.00	126"																																						

Hydraulic Platform Transporters Reference Card

By Marco van Daal & ITI

16 panels, 2-sided, full color, laminated

ITI partnered with *The Art of Heavy Transport* author Marco van Daal to produce this gorgeously rendered, information packed pocket reference for Hydraulic Platform Transporters.

Topics include:

- Principle Working Definitions & Terminology
- Transporter Types & Required Axle Lines
- Hydraulic Stability/Tipping Stability
- Structural Stability/Capacity
- Spine Beam
- Ground Pressure
- External Forces
- Goose Neck
- Beaufort Wind Scale

Item # 3042 | Pocket Size | \$19.95

Loader Safety & Training Series

By Equipment Training Resources

#1. Introduction (19 minutes), DVD

Viewers are cautioned on some of the potentially dangerous aspects of loader operation, such as transmission, brakes, and weight considerations.

Item # 4091 | \$129.00

#2. Maintenance (18 minutes), DVD

Preventative maintenance is covered with greasing tips and procedures, and methods of keeping contamination out of the oil, fuel, and air supply. Putting the knowledge into practice is covered with information on following a regular maintenance schedule.

Item # 4092 | \$129.00

#3. Safety (18 minutes), DVD

This DVD shows common loader accidents. Ground rules are provided for operators and anyone who works around these machines. Viewers will learn the importance of the pre-operation check, and how carry it out, plus general site safety.

Item # 4093 | \$129.00

#4. Operating Techniques (20 minutes), DVD

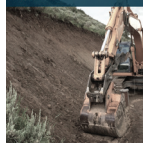
Fundamentals and forces involved in operation, including; penetration of a wedge, driving force, weight, traction, friction, and power. This DVD shows how to manipulate all these factors to operate the loader to its full potential.

Item # 4094 | \$129.00

BUY ALL 4 AND SAVE OVER \$120

Item #4095 (DVD 4-Part Set) - \$395.00

360 EXCAVATOR



TRENCH SAFETY



LOADER BACKHOE



Hard Hat Training Series

By Safety Provisions, Inc.

CD-PowerPoint®

This effective and informative training program offers a complete training package that includes; PowerPoint® presentation, instructor manual, student workbook, exam and answer key, forms, certificates, OSHA Standards and accident case studies. This CD is a complete training program for use by your in-house trainer.

Item # 5425 Excavator Operator Safety Training

Item # 5416 Loader/Backhoe Operator Safety Training

Item # 5419 Trench Safety Training

Each Item | \$395.00

It Always Happens to the Other Guy

By VISTA, Inc.

20 minutes, VHS

A video using Hollywood stunt men in construction equipment roll-over accidents. This video helps construction equipment operators take stock of the dangers they face every day on the job.

Item # 4240 | \$69.00

Loader-Backhoe 2-DVD Safety Series

By Equipment Training Resources

This 2 volume set provides usable and easy to follow guidelines for loader-backhoe crews. They are designed to teach operators and tradesmen uniform guidelines to most jobsite situations.

Volume 1: Operator Safety

Designed for the operators, this DVD covers common mistakes and accidents with these machines, including loading, transporting, utility dangers and rollover accidents. (20 minutes)

Volume 2: Worker Safety

Worker Safety addresses the need for a set of practical guidelines for the many other trades that work closely with the loader-backhoe on a daily basis. (20 minutes)

Item # 4090 | \$195.00 (2 DVD Set)





Rigging & Lifting with Mobile Construction Equipment

By VISTA, Inc.

27 minutes, DVD
An easy to follow DVD with practical advice on correct rigging and holding of unusual loads with mobile construction equipment.

Item #4120 | \$149.00

Tips From the Pros: Backhoe/Loader

By VISTA, Inc.

28 minutes, DVD
Included are tips for planning the job, trenching, backfilling, efficient loader use, and craning with backhoes.

Item # 4215 | \$199.00



Crawler Dozer Kit Training Program

By VISTA, Inc.

CD-PowerPoint
This complete CD training package lets you begin conducting professional crawler

excavator training immediately. It is ideal for instructors who don't have time to create their own materials. Topics included - Components & controls, safety & warning symbols, pre-start procedures, operation & safety, engine shutdown, attachments, load securement, preventive maintenance.

Item # 5440 | \$495.00



Construction Spanish

By VISTA, Inc.

120 pages, 3.5" x 5" , softbound
Shirt pocket translator of commonly used Spanish terms and phrases on construction projects.

Item # 2800 | \$9.95 each

Backhoe Loader Pre-Start Inspection

By VISTA, Inc.

12 minutes, DVD
A thorough daily pre-start inspection helps keep the machine running reliably all day long. This video provides an organized way to check out the machine before putting it to work.

Item # 4210 | \$89.00

Backhoe Loader Safe Operating Techniques

By VISTA, Inc.

15 minutes, DVD
Provides tips on how to operate smoothly and safely in a wide variety of work conditions using several different attachments.

Item # 4211 | \$119.00

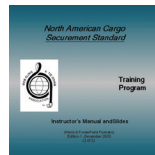
Backhoe Loader Maintenance and Transport

By VISTA, Inc.

9 minutes, DVD
Good operators have died while making avoidable mistakes during maintenance or transportation of the equipment. The lessons in this video were taken from real-life situations.

Item # 4212 | \$89.00

**BUY ALL
3 TITLES
FOR ONLY
\$255**
Item #4213



North American Cargo Securement Standard CD

By Web Sling & Tie Down Association

CD PowerPoint®

Carriers, drivers, shippers and enforcement personnel will benefit from this complete training program on safe load securement which contains an instructor's manual, PowerPoint® slides and participant's guide.

Item # 5422 | \$50.00

By


**CONVERGENCE
TRAINING**

Forklift Safety

 50 Minutes, DVD
(31 min. video + 19 min. test)

Includes important information required by OSHA as well as recognized best practices on powered industrial truck operation. This course can be used as an introduction to forklift safety or as a refresher on forklift basics.

Item # 4830 | \$249.00

Forklift Training – Reducing Product Damage

24 Minutes, DVD (15 min. video + 9 min. test)
This course covers the common ways forklift operators cause product damage in a warehouse environment, and recommended practices for avoiding this damage. It is meant to be used as an introductory or refresher course for forklift operators.

Item # 4835 | \$129.00

Aerial Work Platforms

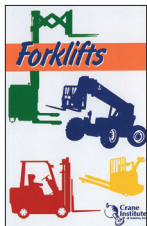
12 Minutes, DVD (7 min. video + 5 min. test)
Provides an overview of safety requirements, controls, preparation, work rules, hazards, and other safety precautions related to elevated platforms. This course discusses Extendible Boom Platforms, Aerial Ladders, Articulating Boom Platforms, and Vertical Towers.

Item # 4840 | \$249.00

Fall Prevention & Protection

10 Minutes, DVD (6 min. video + 4 min. test)
Focuses on fall prevention, fall injury reduction, personal fall arrest systems, and fall protection nets. Based on OSHA 29CFR 1910.66 App C.

Item # 4845 | \$129.00


Forklifts

By Crane Institute of America, Inc.

90 pages, 5.5" x 8.5", softbound
This pocket-size handbook provides operators, managers and safety professionals with the tools to identify and control lift truck hazards. It details training requirements, physical

principles, lifting, moving, and placing loads in various operating environments.

Item # 2610 | \$17.95


Forklift Safety Pocket Guide
By Business and Legal Reports

40 pages, 3.5" x 8.5"
Topics include safety, inspection, driving, loading, unloading, parking, power sources and maintenance. Booklet includes a dictionary of terms,

tear out inspection checklist and safety quiz.

Item # 2090 | \$4.95

Large Capacity Forklift Operation – Indoor
By VISTA, Inc

19 minutes, DVD

This is NOT your typical forklift safety video. Handling large loads requires both skill and an attitude for safety. Filmed indoors and outside at a wood processing plant, this video promotes safe operating techniques. Trailer / box car loading, Tail swing / overhead clearances, 8 TIPS for safe, productive operation, Pick up / transport / delivery of large loads.

Item # 4025 | \$195.00

Sliding Boom (Telescopic) Forklift Operating Techniques
By VISTA, Inc

18 minutes, DVD

Importance of Load Charts, Center of Gravity - avoiding tip overs, roading the forklift and hills, steering options and leveling the load are all covered.

Item # 4035 | \$149.00





Forklift Operator Pack

Optimize production in a safe and efficient manner with the Forklift Operator Pack. Includes: Industrial Lift Truck Pre-Operational

Inspection forms (pack 50), Forklifts (book), Forklift Hand Signal Card, Forklift Safety Pocket Guide, and a Center of Gravity Magnet. Item # 6500 | \$39.85



Forklift Inspector Tool Pack

The Forklift Inspector Tool Pack contains all of the tools needed for a thorough forklift inspection.

Contains the fork arm wear caliper, chain gauge, angle finder, tape measure and a carry bag. Item # 6506 | \$83.00



Hard Hat Training Series

By Safety Provisions, Inc

CD PowerPoint

Re-use the materials as often as needed, customize the materials to fit your specific needs, even replace our logo with yours! CD PowerPoint presentations come in around 230 slides. Student manuals are 25-50 pages (depending on the course). Kits include digital posters, hand signal wallet cards, hand signal video clips, practical observation forms, written exams, answer key, certificates and much more.

- Item # 5415 | Aerial Lift/Scissor Lift*
- Item # 5411 | Forklift (Stand Up) Operator
- Item # 5410 | Forklift (Sit Down) Operator*
- Item # 5414 | Telescopic Handler Operator*
- Item # 5418 | Vehicle Mounted Aerial Lift Bucket Truck*

Each Item | \$395.00

* Indicates available in Spanish. Spanish version includes CD PowerPoint in English with student workbook and exams in Spanish.



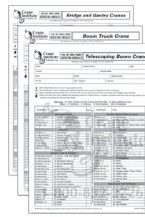
Telehandler/Forklift Hand Signals Card

By Industrial Training International, Inc.

3.5" x 2.25" (laminated, two-sided)

Handy pocket card which displays clearly illustrated hand signals for material handling equipment. Ten telehandler hand signals on side one and seven forklift hand signals on side two.

Item # 3055 | \$24.95 (Set of 25)



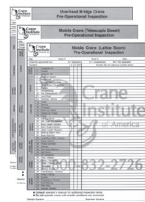
Checklists for OSHA Required Annual Inspections

By Crane Institute of America, Inc.

12 per pack Annual, periodic and monthly inspection checklists. These checklists provide the OSHA/ANSI reference for each item inspected.

- Item # 9189 Rough Terrain Lift Trucks
- Item # 9196 Scissor Lifts
- Item # 9197 Vehicle Mounted Aerial Lifts
- Item # 9198 Boom Supported Aerial Lifts
- Item # 9199 Industrial Forklifts

Each Pack | \$34.95



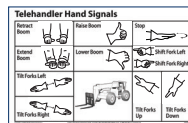
Checklists for OSHA Required Pre-Operational Inspections

By Crane Institute of America, Inc.

50 per pad These daily inspection forms offer columns to evaluate the structure, fluids, functions and devices of the equipment.

- Item # 9130 Industrial Lift Trucks
- Item # 9135 Aerial Lifts

Each Pad | \$19.95



Telehandler Hand Signals Poster

By Industrial Training International, Inc.

Poster, 29" x 18"

Informative poster displays ten clearly illustrated hand signals for material handling equipment.

Item # 9280 | \$12.95



Rigger's Knife w/Marlin Spike

By Myerchin

Captain Pro, 3/4 serrated, belt clip & nylon sheath. Light weight, easy one hand operation.

Size: Closed: 4.75"/Blade: 2.80" /Spike: 3.0"/ Both Open: 11"

Item # 6060 | \$69.50



E-Z-Out™ Knife

By Gerber Legendary Blades

4.5" folded

High carbon, stainless steel blade comes with either a

fine edge or a 1/2 serrated edge. Lightweight handle ensures a secure grip.

Item # 6023 | \$29.00 Serrated

Item # 6024 | \$29.00 Non-Serrated



Metal Sheave Gauges

Heavy duty metal sheave gauges are durable enough to withstand repeated use. Long-lasting, chemical and weather resistant.

Item # 6030 | \$22.00 per set (.25" to 1.5") 14 Gauges

Item # 6035 | \$22.00 per set (1.25" to 2.5") 11 Gauges



Plastic Imperial Sheave Gauge

14 gauges from .25" to 1.5" Durable plastic imperial sheave gauge set.

Item # 6006 | \$20.00 per set



Plastic Metric Sheave Gauge

17 gauges from 6mm to 38mm Resilient plastic metric sheave gauge set.

Item # 6039 | \$22.00 per set



Needlenose Multi-Lock™ Tool

By Gerber Legendary Blades

5.5" closed

Each component of this stainless steel tool opens independent of

any other, locks tightly against a roll bar and stays tight until you unlock it. Includes a ballistic cloth belt sheath.

Item # 6021 | \$56.00



Diamond Knife Sharpener

By Gerber Legendary Blades

5.5" closed

Sharpener with pocket clip, retracts into its handle for easy accessibility and is great for putting a quick edge on your blade while in the field.

Item # 6025 | \$8.00

Rigging Gear Inspection Tool Pack

- Item # 6001 | \$ 9.00 Husky Carry Bag
- Item # 6002 | \$10.00 4" Calipers
- Item # 6003 | \$25.00 8" Marlin Spike
- Item # 6004 | \$15.00 Microscope 30x
- Item # 6005 | \$ 5.00 Chain Gauges .25" to 1.25"
- Item # 6006 | \$20.00 Plastic Sheave Gauge .25" to 1.5"
- Item # 6007 | \$12.00 Tape Measure

Purchase items individually, or purchase the complete tool pack and save.

Complete Tool Pack Item # 6010 | \$82.00



Inspect Slings Warning Sign

By Seton

Sign, 10" x 7", Hard Plastic "Warning, Inspect Slings Before Use". Made of high performance

plastic for use indoors or out. Corner mounting holes for easy installation. OSHA orange with black lettering.

Item # 9028 | \$24.50



Center of Gravity Magnetic Logo

By Industrial Training International, Inc.

3.75" round, black and white

Magnetic CG logo sticks to steel. Excellent focal point while training or performing live rigging activities.

Item # 9050 | \$2.00

Forklift Chain Wear Gauge

By PROMATCH



Designed to measure the wear or elongation of the chain links on a forklift. Made of flexible plastic.

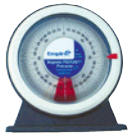
Item # 6013 | \$9.50

Forklift Arm Wear Caliper

By Loadarm

The caliper was designed as a tool for inspecting critical load bearing areas of a fork arm (shank and blade) for wear.

Item # 6012 | \$49.95



Magnetic Polycast Protractor

By Empire

Level 36 Magnetic Polycast Protractor

Features: Magnetic base, back, and edge, easy reading dial with adjustable angle pointer, built-in angle pitch calculator on back made from durable Polycast construction, and transfers angles to within one degree.

Item # 6014 | \$16.95

ITI Logo Hat

By Industrial Training International, Inc.

Cotton, dark navy blue or tan cap by Dri-Duck with ITI CGB Logo. Velcro adjustable strap.

Item # 9060 | \$18.95



Durango Hard Hat

By DeCristo Safety Products, Inc.



Wide brim for added UV and rain protection, plus a pinch-front top for authentic cowboy appeal. Meets OSHA requirements.

Item # 9610 | \$31.95 White

Item # 9620 | \$31.95 Black



Kestrel 2000 Pocket Thermo Wind Meter

By Nielsen-Kellerman



Approximately 2.5" x 5", includes slip-on hard cover, neck lanyard and battery. Quickly measures current wind speed, maximum wind speed, average wind speed, temperature and wind chill. Units can be read in knots, meters per second, kilometers per hour, miles per hour and feet per minute.

Item # 6040 | \$129.00





9670



9652

9653



9651



9665

ITI Logo Hooded Sweatshirt

Men's sizes, specify M • L • XL • XXL
 Colors: Navy, Charcoal, Maroon
 Cotton Polyester
 Item # 9670 | \$38.00

ITI Logo Long or Short Sleeved Shirt

Men's sizes, specify M • L • XL • XXL
 Wrinkle resistant 46 oz. 55/45 cotton/poly.
 Colors: Black, Blue and Cream
 Item #9652 | \$34.00 | Long Sleeve
 Item #9653 | \$30.00 | Short Sleeve

ITI Logo Polo Shirt by Port Authority

Men's sizes, specify S • M • L • XL • XXL
 Color: Navy. 100% Cotton
 Item #9651 | \$23.95

ITI Logo T-Shirt

Men's sizes, specify M • L • XL • XXL
 Color: Navy. 100% Cotton
 Item #9665 | \$20.00

SPANISH LANGUAGE PRODUCTS

Hard Hat Training Series

By Safety Provisions, Inc.

CD PowerPoint

Re-use these materials as often as needed, customize to fit your specific needs. Kits include digital posters, hand signal wallet cards, hand signal video clips, written exams, certificates and much more.

This Spanish version includes CD PowerPoint in English with student workbook and Exams in Spanish.

- Item # 5410 | Forklift (Sit Down) Operator Safety
 - Item # 5412 | Boom Truck Safety Training
 - Item # 5415 | Aerial Platform Operator Safety Training
 - Item # 5417 | Rough Terrain Crane Operator Safety
- Each Item | \$395.00

Overhead Crane Training Program

By Industrial Training International, Inc.

CD-PowerPoint® (143 Slides)

This complete training program contains a PowerPoint® presentation, instructor manual, student workbook with answer key, exam with answer key, hands-on evaluation forms in Word and Excel and 10 Journeyman Rigger Reference Cards. The modules covered on this CD are introduction to the overhead crane, daily inspections, control functions, operating practices, hand signals and rigging.

Item # 5408SP | \$499.00 | Spanish



Construction Spanish

By VISTA, Inc.

120 pages, 3.5" x 5", softbound, Pocket sized, easily translate common Spanish terms and phrases on construction projects.

Item #2800 | \$9.95



Journeyman Rigger's Reference Card

By Mike Parnell

This card shows sling capacities, load factors and weight distribution, block and fairlead loading, hardware capacities, coefficients of friction, calculating load weights, hitch types, hand signals and a rigger's checklist.
Item # 3011 | \$5.95 Spanish Wallet Size

Journeyman Rigger Poster

By Mike Parnell

Poster, 18" x 29"
These poster size wall charts and decal contain the same detailed information as the reference cards.
Item # 9211 | \$12.95 Spanish

Bob's Rigging and Crane Handbook

By Pellow Engineering Services, Inc

280 pages, softbound
This book contains new and updated information on slings, wire rope, rigging hardware and mobile crane operations. Included are industry standards and OSHA regulations.

Spanish Versions:
Item #2032 | \$18.00 Pocket Size, 4.5" x 6"
Item #2033 | \$27.00 Large Desk Size, 8.25" x 10.75"

Mike's Safety Tips

By Mike Parnell

3 booklets, 26 pages, 2.75" x 4.75", softbound
These easy-to-read booklets work great together, or individually. Each booklet contains 25 tips per subject: Rigging Safety Tips, Mobile Crane Safety Tips, and Overhead Crane Safety Tips.

Item # 7050S | \$6.99 Set of 3 booklets, Spanish
Individual Booklet Prices - Spanish
Item # 7051S | \$1.99 Mobile Crane Safety Tips
Item # 7052S | \$1.99 Overhead Crane Safety Tips
Item # 7053S | \$1.99 Rigging Safety Tips

In A Flash – Rigging Inspection Training Program

By Mike Parnell

CD PowerPoint Presentation
A great rigging inspection training tool for use with small or large groups. An amazing collection of 110 color photos that depict the most common types of damage as outlined by OSHA, ANSI and ASME regulations.

Item # 5407 | \$395.00 Spanish

Rigging Gear Inspection Reference Card

By Mike Parnell

The latest removal criteria for slings (wire rope, web, roundslings and alloy chain), below-the-hook lifting devices, hoist ropes and rigging hardware are covered on this card. Included are 125 line items of removal criteria referencing OSHA 29 CFR 1910.184, ASME B30.9, and ASME B30.10.

Item # 3051 | \$ 5.95 Spanish Wallet Size

Crane Hand Signal Chart

By Corporon's Equipment Log

Decal, 14" x 11"
Designed to meet OSHA required regulations, this self-adhesive chart clearly displays the hand signals used in crane operations. Easy to read, green and black on white. Weatherproof.

Item # 9035 | \$9.00 Spanish

Crane Hand Signal Cards – English/Spanish

By Industrial Training International, Inc

3.25" x 2", laminated cards, pack of 50
Quick reference, two-sided card. Spanish on one side, and English on the other side. 20 of the most common crane hand signals. Meets OSHA required regulations.
Item # 3140 | \$21.95

Operating Techniques for the Tractor-Loader-Backhoe

By Equipment Training Resources

250 pages, 8.5" x 11", softbound
This book explains in easy-to-understand terms how to get the maximum productivity from this highly versatile machine. Discover how veteran operators plan the job before work begins, cutting wasted movement to a minimum. Learn to work safely in tight job situations and tackle the really difficult jobs safely and effectively. The revised edition now covers use of the One Call System to prevent costly utility damage.

Item # 1071 | \$38.00 Spanish

Crosby Rigging Guide for Lifting

By The Crosby Group, Inc

12 panels, folds to 5.5" x 3.25"
Covers ASME B30.9 as it relates to wire rope and synthetic slings. Data on Crosby shackles, hooks, wire rope clips, swivel hoist rings, hitch type and load distribution, plus terms and definitions.

Item # 3081 | \$4.00 Spanish

Are Your Lift Planners Prepared?



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Mobile Crane Inspector	NCCCO Certified Rigger Level I & II	Crane Assembly/Disassembly Director
Overhead Crane Operator	NCCCO Certified Signalperson	Accident Investigation
Overhead Crane Inspector	Rigging Gear Inspector	Heavy Lift & Transport
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