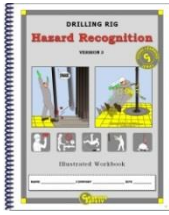




# Training for the Drilling Industry

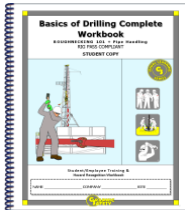
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## Drilling Rig Hazard Recognition Workbook

Spanish versions also available

This workbook teaches hazard recognition by illustrating scenes and requiring student/employees to write down hazards they observe. The answers are on the next page in red letters. It may not be possible to determine all hazards but studies show employees who complete these exercises become adept at finding hazards. 300 illustrations, 78 pages, \$35.00 per copy.



## Basics of Drilling Complete – Rig Pass Compliant

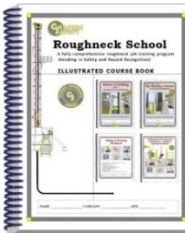
Spanish versions also available

Years of training, testing and empirical evidence of hazards led to the development of roughneck training that should be provided employees in the drilling industry. This 2017 combined version of the BOD and Pipe handling workbooks has **1100 illustrations** and **162 pages**. \$55.00 per copy



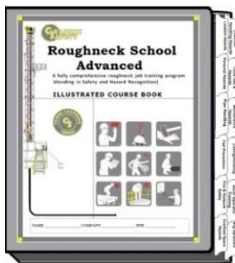
## Drilling Rig Hoist Operator + Lifting & Hoisting

This unique workbook groups "all things Lifting & Hoisting" together and 50 additional pages create a Hoist Operator certification program for Drilling Rig employees. The best part is that a relatively inexpensive workbook can be utilized right on a working drilling rig to achieve this certification....with no overtime required. You don't need a training rig...you've already got one! 700 illustrations, 103 pages. \$50.00 per copy



## Roughneck School

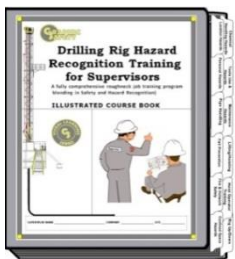
The Roughneck School Workbook is comprised of **critical core issues** every roughneck must learn. Job function is combined with hazard recognition and safety mitigation. This affordably condensed workbook can be completed by students on the rig (otherwise a 2-day classroom course). 260 pages, \$95.00



## Roughneck School Advanced Course-book

This complete Roughneck School covers the core issues and detailed related issues such as chemical handling, Fire & Hotwork Safety, Gas detection & Monitoring and Fire watch certifications, Confined Space certification, Fall Prevention: Slips, Trips & Falls, Ladder hazards & Usage, Fall Protection systems & Gear + certification. This is a 4-day classroom course. 494 pages, \$175 per copy

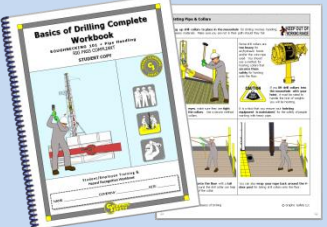
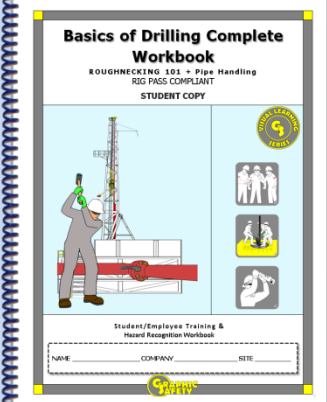
This Course-book will only be sold to companies who agrees to a non-proliferation agreement.

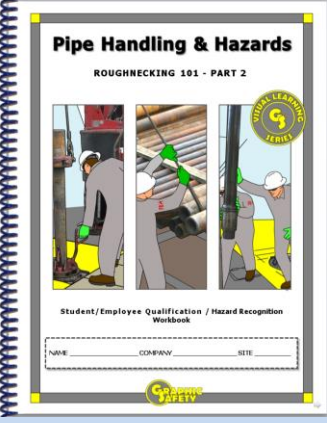


## Drilling Rig Hazard Recognition Training for Supervisors

This course covers all of the materials listed in the Roughneck School plus supervisor critical knowledge concerning hazard assessment, supervisor certifications and Roughneck training management. 520 page Course-book included in the 4-day class. \$580.00 per student/20 person class requirement.

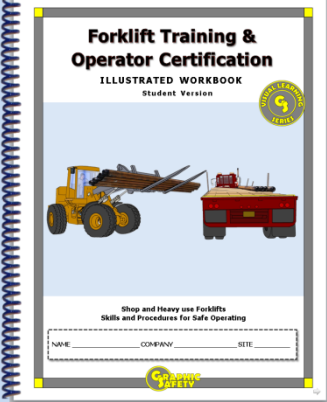
Continue for individual specifications and TOC.....

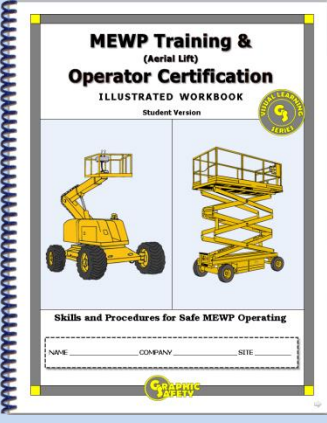
Title	Applies to	Pages	Illustration count	Single-sided or double-sided	Notes
<b>Basics of Drilling Roughnecking 101 Complete</b>	<u>Drilling Rigs only</u>	178	1200	Double	BOD Combined with 60 pages Pipe Handling
<b>Tests</b> 1 – Tear-out recordable test – 25 questions 7 – Visual Learning Hazard Recognition practice test. 80 - Practice test questions* (no answers provided to students - available in Instructor Copy).					
	A large workbook combining The <b>Basics of Drilling Workbook</b> and the <b>Pipe Handling Workbook</b>  We now have a version that is Rig Pass Compliant  <b>(See their sections below for TOC)</b>				
<b>Part 1 of BOD-C</b>		<b>Table of Contents</b>			
<b>Basics of Drilling Complete (Roughnecking 101) Workbook</b>  	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>Location Hazards - Arriving on Worksite</p> <p>Location Hazards</p> <p>Hygiene Hazards</p> <p>Fit for Duty</p> <p>Emergency Response</p> <p>Hazard Recognition &amp; Job Safety Analysis (JSA)</p> <p>Writing</p> <p>Hazard Analysis (Risk Assessment)</p> <p>Hazard Recognition</p> <p>PPE Required on Location</p> <p>Head Hazards and Protection</p> <p>Eye/Face Hazards and Protection</p> <p>Foot Hazards and Protection</p> <p>Noise Hazards and Protection</p> <p>Noise Hazards – How Loud is Too Loud?</p> <p>Fire Retardant Clothing (FRC)</p> <p>Other Safety Gear - PPE</p> <p>Hazard Recognition – Classroom Practice Test</p> <p>Cold Hazard</p> <p>Cold Hazard – Emergency Response</p> <p>Heat Hazard</p> <p>Heat Hazard – Alarming Signs</p> <p>Heat Hazard – Emergency Response</p> <p>Heat Index Chart</p> <p>Lifting Hazards</p> <p>Slips, Trips &amp; Falls / Barricades / Handrails</p> <p>Fall Prevention – Ladders</p> <p>Personal Fall Protection Gear, Systems &amp; Hazards</p> <p>Pipe Handling</p> <p>Pipe Handling - Hazards</p> <p>Lifting Slips</p> <p>Nipple Up / Down of the BOP</p> <p>Fire Preparedness</p> <p>Fighting Fires</p> <p>Confined Space Hazards - Atmosphere</p> <p>Confined Space Permit</p> <p>HAZCOM (Hazard Communication)</p> <p>GHS Hazard Ratings</p> <p>Common Industrial Chemicals</p> <p>Chemical Protective Clothing (CPC)</p> <p>Handling Hazardous Materials – Caustic Soda</p> <p>Chemical Decontamination 43</p> <p>Handling Hazardous Materials – Methanol</p> </div> <div style="width: 50%;"> <p>Handling Hazardous Materials - Corrosives</p> <p>Paint Hazards</p> <p>Mixing Caustic Chemicals – Hazard Recognition</p> <p>Classroom Practice Test</p> <p>Respirators</p> <p>Hazard Material Storage</p> <p>Barrel Handling</p> <p>Barrel Spill Hazard</p> <p>Environmental Hazards</p> <p>Open Pits / Barricades / Disposal</p> <p>Tool Use Hazards</p> <p>Cutting Guide</p> <p>Electrical Hazards</p> <p>Generator Hazards</p> <p>Assured Grounding</p> <p>Grounding Methods &amp; Electrical Cord Hazards</p> <p>Electrical Best Practices</p> <p>Electrical Problem Solving</p> <p>Explosion-Proof Systems</p> <p>Electrical Bad Practices</p> <p>Responding to Electrical Accidents</p> <p>Ground Fault Circuit Interrupters (GFCI)</p> <p>Batteries</p> <p>Lockout / Tagout – Hazard Recognition</p> <p>Lockout / Tagout – Energy Types/Hazards</p> <p>Lockout / Tagout – Best Practices</p> <p>Machinery Hazards</p> <p>Maintenance</p> <p>Housekeeping</p> <p>Pumps &amp; Pressurized Equipment</p> <p>Hydraulic Systems</p> <p>Rigging Up / Down</p> <p>Trucks &amp; Hazards</p> <p>Handling Loads</p> <p>Hardware</p> <p>Forklift Hazards</p> <p>Manlift Hazards</p> <p>Driving Hazards</p> <p>Hazard Recognition – Classroom Practice Test</p> <p>Notes</p> <p>Basics of Drilling Employee Qualification Test</p> <p>Safety Icon Legend</p> <p>Certificate of Completion</p> </div> </div>				

Part 2 of BOD-C	Table of Contents	
<p><b>Pipe Handling Workbook</b></p> 	<p>Pipe Characteristics  Loading &amp; Pipe Racks  Pipe Handling - Hazard Recognition Test #1  Pipe Racks  Pipe Threads  Drill Bits  Bottom Hole Assembly (BHA)  Hoisting Pipe &amp; Collars  Drill Collars  Safety Alert - Drill Collars Falling  Slips &amp; Safety Clamp  Working the Floor  Pipe Handling - Hazard Recognition Test #2  Hoisting  Hydraulic Catwalk  Hydraulic Boom  Safety Alert - Tong Die Dropped  Pipe Handling - Hazards  Mousehole Elevators  Pipe Handling - Safety Issues  Elevators  Pipe Tongs  Tong Swing Radius  Pipe Spinners</p>	<p>Pipe Torque Machines  Safety Alert - Drill Pipe Caught Beneath Top Drive  Drill Pipe Slips  Lifting Slips  Pipe Handling - Hazard Recognition Test #3 36  Safety While Tripping In and/or Out of the Hole  T.O.O.H. - Rotating Head  Safety Alert – Snagged By Hose Fatality  T.O.O.H. - Work Practices  T.O.O.H. - Collars  Tripping In The Hole (T.I.H.)  T.I.H. - Work Practices  Laying Down Drill Pipe  Safety Alert – Flying Pipe  Laying Down Drill Collars  Safety Alert - Directional Tool Falling  Environment &amp; Safety  Running Casing Hazards  Safety Alert - Casing Fill-Up Line  Pipe Handling - Hazard Recognition Test #4  Safety Alert – Amputated Fingers  Pipe Handling - Summary  Pipe Handling &amp; Hazards Test  Certificate of Completion</p>

Title	Applies to	Pages	Illustration count	Single-sided or double-sided	Notes
<p><b>Forklift Operator Certification Training Workbook</b></p>	<p>Drilling Rigs  Oilfield  Refineries  General Industry</p>	<p>45</p>	<p>300</p>	<p>Single</p>	<p>Universal. While some value could be obtained for smaller, factory type forklift operators, this book largely applies to outdoor, shop and rough use type forklifts.</p>

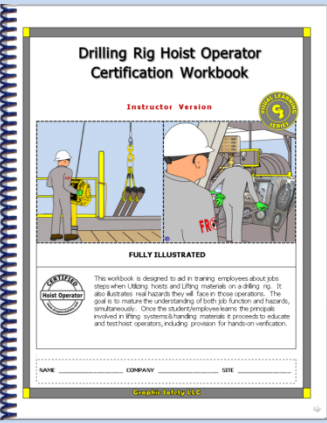
**Tests** 1 – Tear-out recordable test – 10 questions  
1 – Visual Learning Hazard Recognition practice test.  
19 - Practice test questions\* (no answers provided to students - available in Instructor Copy).

	<p>Safety Icons  Introduction and Overview  Operator Qualifications  Types of Forklifts  Forklift Parts  Surfaces and Areas of Operation  Operator's Manual and Equipment Controls  Steering Types  Inspecting the Forklift  Fuels  Carbon Monoxide  Batteries  Safety Alert – Forklift Fatality  Hydraulic Systems  Inspecting the Forklift - Tires</p>	<p>FORKLIFT OPERATOR'S DAILY REPORT  Forklift Operation – Moving and Handling Loads  Forklift Driving Skills - Lifting Principles  Forklift Driving Skills – Handling Loads  Reacting to a Tipover  Rated Capacities / Load Center  Hazard Recognition Classroom Test  Forklift Operation – Near People  Forklift Operation – Electrical Hazard  Lifting &amp; Hoisting – Hazard Recognition Test  Vehicle Backing / Spotting  Forklift Operation – Traveling with a Load  Emergency Response  Summary  Forklift Operator Certification Test</p>
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Title	Applies to	Pages	Illustration count	Single-sided or double-sided	Notes
<b>Manlift (Aerial Lift) Operator Certification Training Workbook</b>	Drilling Rigs Oilfield Refineries General Industry	38	300	Single	Universal across industry
<b>Tests</b> 1 – Tear-out recordable test – 10 questions 1 – Visual Learning Hazard Recognition practice test. 15 - Practice test questions* (no answers provided to students - available in Instructor Copy).					
	Safety Icons Introduction and Overview Introduction and Accident Statistics Operator Qualifications Types of Manlifts Steering Types Surfaces and Areas of Operation Operator's Manual and Equipment Controls Inspecting the Manlift Batteries Hydraulic Systems Inspecting the Manlift Tires Aerial Lift Pre-Use Inspection Checklist Fuels Carbon Monoxide Manlift Operating Readiness Spotter Hand Signals Fall Protection for Manlift Operation Causes for Falling Out of Manlift Basket	Manlift Operating Skills Manlift Operating – Electrical Hazards Manlift Operating – Material Handling Manlift Operating – Stability Manlift Operating – Scissor Lifts Safety Alert – Manlift Collapse Manlift Operating Hazards – Classroom Practice Test Manlift Operating Hazards Safety Alert – Pinch Point Safety Alert – Man Crushed by Aerial Lift! Scenarios Hazard Recognition Emergency Response After Use Summary Loading & Hauling the Manlift Manlift Operator Certification Test MANLIFT OPERATOR EVALUATION			

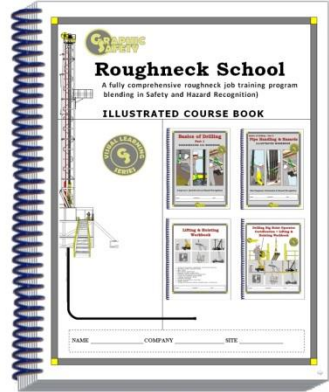
Title	Applies to	Pages	Illustration count	Single-sided or double-sided	Notes
<b>Drilling Rig - Hoist Operator Certification Workbook</b>	<u>Drilling Rigs only</u>	103	700	Double	Combines the Lift & Hoist Workbook with 50+ additional pages of drilling rig specific issues.

**Tests** 2 – Tear-out recordable test – 10 questions  
 4 – Visual Learning Hazard Recognition practice test.  
 26 - Practice test questions\* (no answers provided to students - available in Instructor Copy).

	<b>Lifting &amp; Hoisting</b> Rigger & Signalperson Qualifications Types of Equipment Working Safely Around Cranes Boom Crane Hand Signals Handling Loads Maintenance on hoists and gear Hydraulic Systems Wire Rope Wire Rope Handling Wire Rope Spooling Setting up and using the hoist Torque Chart Wire Rope Inspection Sheave Blocks Sheave Inspection Sheaves Types of Connecting Parts Hooks Shackles Lifting Slings Chain Slings - Use Chain Slings & Turnbuckles Wire Rope Slings & Thimbles Wire Rope clamps Safety Alert! – Improper rigging results in a fatality! Synthetic Slings Synthetic Slings	Lashing (tying down) Loads Safety Alert! – Loose Cargo Smashes Through Windshield Lashing (tying down) Loads Safety Alert – Towing Hazard = Flying Ball Lifting & Hoisting - Summary Lifting & Hoisting Workbook Test  <b>Drilling Rig Hoist Operator Certification</b> Lifting & Hoisting Qualifications Using the hoist The hoist line – Safety Issues Hazard Recognition - Test Safety Alert! – Improper rigging results in a fatality Lifting & Hoisting – Drill Pipe Drilling Rig Hoisting System Rig Hoisting System Parts Lifting & Hoisting – Derrick Safety Alert – Man struck by beam Rig Hoisting System Parts Top Drive Safety Safety Alert! – Man's thumb crushed Cut & Slip Wire Rope (Drilling Line) Cut & Remove Wire Rope Brake Assembly Inspection Torque Chart Slip New Wire Rope onto the System
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	Rigging for Lifting & Hoisting Lifting & Hoisting Personnel Lifting & Hoisting – Hazard Recognition Test Safety Alert! – Dropped Object Trucks & Hazards Vehicle Backing / Spotting Trucks & Handling Loads Safety Alert – Smashed Truck Cab Lifting & Hoisting – Hazard Recognition Practice Test Manual Lifting & Handling Working on Location	Completing Cut & Slip Job CROWN SAFETY DEVICE STANDARD OPERATING PROCEDURES Crown Safety Device Test Log Lifting & Hoisting – Hazard Recognition Test Fouling the drum Wireline Machine HYDRAULIC CATWALK OPERATING PROCEDURES Lifting & Hoisting - Summary Lifting & Hoisting Workbook Test Hoist Operator Evaluation
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Title	Applies to	Pages	Illustration count	Single-sided or double-sided	Notes
<b>Roughneck School Workbook</b>	<u>Drilling Rigs only</u>	260	1800	Double	Core-critical Roughneck Training combines the above 2 workbooks.
<b>Tests</b>	3 – Tear-out recordable test – 2=20, 1=25 questions. Total 65 test questions. 11 – Visual Learning Hazard Recognition practice test. 106 - Practice test questions* (no answers provided to students - available in Instructor Copy).				

	<p>A large workbook combining;</p> <ul style="list-style-type: none"> <li>• <b>Basics of Drilling Workbook</b></li> <li>• <b>Pipe Handling Workbook</b></li> <li>• <b>Lifting &amp; Hoisting Workbook</b></li> <li>• <b>Drilling Rig Hoist Operator Certification Workbook</b></li> </ul> <p>into the 'Critical Core Elements' of Roughneck Training.</p> <p>(See their sections for TOC)</p>
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Title	Applies to	Pages	Illustration count	Single-sided or double-sided	Notes
<b>Roughneck School Advanced Course-book</b>	<u>Drilling Rigs only</u>	494	4000	Double	Combines 7 of these workbooks and 40 +/- additional pages that are drilling rig specific.
<b>Tests</b>	10 - Tear-out, recordable tests (multiple choice) equalling 130 questions. 16 – Visual Learning Hazard Recognition practice tests. 154 - Practice test questions* (no answers provided to students - available on answer sheet).				
<b>Drilling Rig Hazard Recognition Training for Supervisors</b>	<u>Drilling Rigs only</u>	520	4050	Double	This is the Roughneck School Advanced with added materials on Hazard Recognition & Roughneck Training Management.
<b>Tests</b>	10 - Tear-out, recordable tests (multiple choice) equalling 130 questions. 16 – Visual Learning Hazard Recognition practice tests. 154 - Practice test questions* (no answers provided to students - available on answer sheet).				

\* The practice tests are all essay questions where students must provide a written response. Student writing answers is a practical form of "hands-on" training, the same methods that colleges use to reinforce learning.



# Drig Rig Products Sales Order Form-

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Qty	Publication	Unit Price	Total Price
	<b>Drilling Rig Hazard Recognition Workbook</b> <i>Spanish versions also available</i>	\$35.00 ea	
	<b>Basics of Drilling - Roughnecking 101 Complete VLS Workbook Set</b> – 10 workbooks w/completion certificates and 1 Instructor copy. <i>Spanish versions also available</i>	\$605.00 set (\$55.00 ea)	
	<b>Roughneck School Workbook Set</b> - 10 workbooks, 10 certification cards and 1 Instructor copy (answers). 260 pages, 1800 illustrations.	\$1045 set (\$95.00 ea)	
	<b>Forklift Operator Certification Training Workbook Set</b> – 10 workbooks, 10 certification cards and 1 Instructor copy	\$285.00 set (\$25.00 ea)	
	<b>MEWP Operator Certification Training Workbook Set</b> – 10 workbooks, 10 certification cards and 1 Instructor copy	\$285.00 set (\$25.00 ea)	
	<b>Tools – Use &amp; Hazards</b> - 10 workbooks, 10 certificates and 1 Instructor copy	\$25.00 ea	
	<b>Metal Fabrication Shop Safety Workbook Set</b> – 10 workbooks, 10 certification cards and 1 Instructor copy	\$380.00 set (\$35.00 ea)	
	<b>Safety Posters - heavy duty lamination (durable).</b> See the 'Safety Posters catalog' or webpage for individual choices. <a href="http://www.GraphicSafety.com">www.GraphicSafety.com</a>	\$12.50 ea. Poster	
	Set of all 44 posters can be bound together with a D-Ring to hang in a small space 11" X 17" – your choice/combination, for field use. Price includes 10% bulk discount.	\$495.00	
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