



Smith Mason & Co



LEARNING AND
DEVELOPMENT

PORTFOLIO

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ABOUT **SMITH MASON & CO**

For more than 40 years, Randy Smith has been respected around the world for delivering state-of-the-art well control training and safety leadership courses to the oil and gas industry.

In 2014, Randy joined Marcus Mason and Larry Schmermund to form Smith Mason & Co. Marcus, CEO, and Larry, COO, bring more than 40 years of training industry knowledge and experience to the company's front office.

While Smith Mason & Co's tradition of excellence in serving the oil and gas industry continues, we are dedicated to sustainable learning and development solutions for a wide variety of industries, including oil and gas, construction, logistics, pipeline, LNG, etc.

From risk management to leadership training, we are well-positioned to support your organization's ongoing workforce development with customized programs to address your unique challenges.



OVERVIEW OF *OFFERINGS*

Well Control/Technical

- IADC Well Control
- Level 2, Level 3, Level 4, Oil and Gas Operator Representative
- IWCF Well Control
- Level 2, Level 3, Level 4, Well Intervention and Pressure Control
- Well control eLearning
- Underbalanced well control fundamentals
- Rig coaching audits
- Drilling practices
- Stuck pipe prevention
- DWOP/CWOP Optimization Process
- HPHT

Safety and Leadership

- Leadership training
- Safety training
- Safety culture assessments
- HR and compliance training
- Custom learning and development solutions

EHS and HR Compliance

- Managed training solutions
 - Orientation and onboarding
 - Instructor-led, eLearning, and blended learning solutions
 - Customized programs
 - Tailored reporting
 - Assessment and monitoring

OUR *FOCUS*

Smith Mason & Co focuses on custom solutions.

All programs and initiatives are always custom designed for your organization to address your specific needs.

Our portfolio depicts a variety of custom-branded examples from various clients.





Air monitoring devices are designed to provide continuous exposure monitoring of toxic gases, oxygen levels, and combustible gases in your work environment.

[Click for](#)
[an Example](#)



bpxenergy

Training and Applicability



Computer-based training for the various sections outlined in the Wells Policy will be role and discipline specific.



Face-to-face training will follow CBT (awareness level) to provide more in-depth training (skill level) with teams (field and office based)

TRAINING

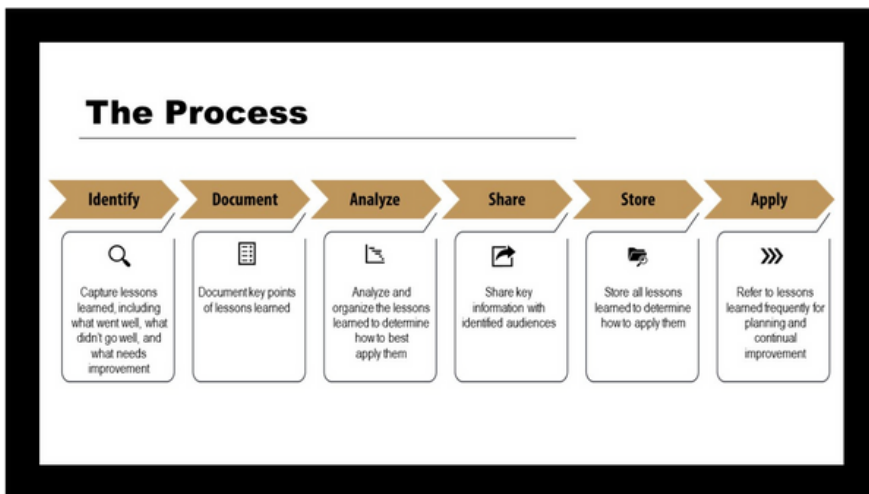
E-LEARNING

Our e-learning solutions are customized for your organization, based on your content or custom-developed content, and deployed on our LMS or yours.

TRAINING

INSTRUCTOR-LED


We design both instructor-led and virtual instructor-led training courses as stand-alone solutions or as part of blended learning solutions to reinforce concepts.



TOOLS

QUICK REFERENCE

Custom tools, such as prompt cards or safety spotlights, are designed as quick references to reinforce concepts in the field and office.




Area/Division _____
 Location/Time/Weather _____

COMMIT	<ul style="list-style-type: none"> To Core4 values To our safety
OBSERVE	<ul style="list-style-type: none"> Observe behavior Intervene/Stop
REFLECT	<ul style="list-style-type: none"> Open questions Consequences - what if?
ENGAGE	<ul style="list-style-type: none"> Encourage change Get Commitment

Description of task observed (Be detailed)

Action agreed on

Observer's Name(s): _____ Date: ____/____/____



LEVEL 4 BELIEVE: I believe in safety for my team and me and actively encourage others to believe in safety


LEVEL 3 BELIEVE: I believe in safety for my family and me

LEVEL 2 COMPLY: I comply with safety because I have to

LEVEL 1 COMPLY: I comply with safety...when it's convenient

Open-Ended Questions

1. What about the way you were performing this task should concern you?
2. What is the biggest hazard you have identified?
3. How comfortable are you performing this task?
4. What do you think you could have done differently?
5. How could the team benefit from you doing this differently?



Hazard Recognition

➤ **Look AROUND**
Above Rotating Outside Under New Different

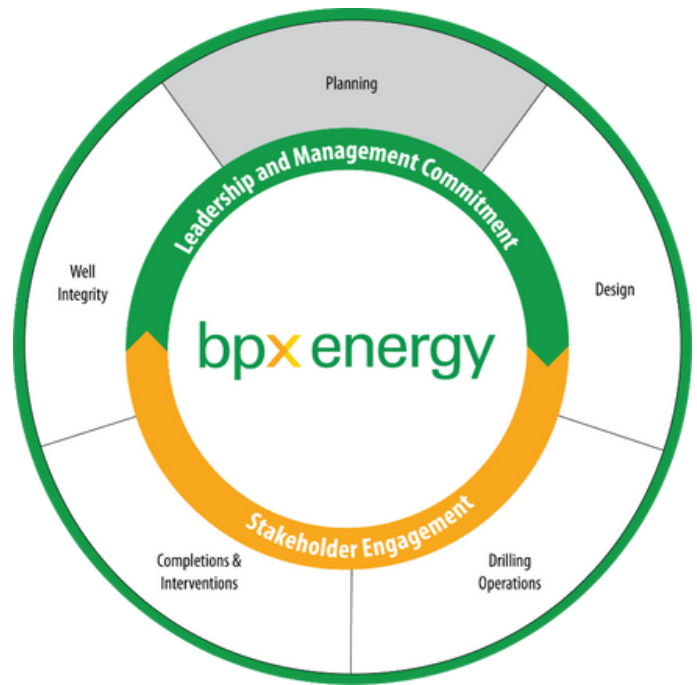
➤ **Recognize the Hazards**



The diagram is a circular wheel with a central blue arrow pointing right. The wheel is divided into 12 segments, each with an icon and a label: Mechanical (gears), Pressure (gauge), Temperature (flame), Chemical (skull and crossbones), Biological (biohazard), Radiation (radiation symbol), Gravity (scales), Electrical (lightning bolt), Sound (speaker), Motion (lightbulb), and another Mechanical (gear).

Observation -
 A condition or action identified and addressed while the outcome is still completely under control





RESOURCES

GRAPHICS/INFO

Depending on course content, custom designed graphics are used to easily represent concepts throughout training initiatives and programs.

RESOURCES

POSTERS/SIGNAGE

We use posters and signage to visually represent and reinforce concepts in office buildings and field locations.

Smith Mason & Co

IADC WELLSHARP EXAMINATION GUIDE

What you should know before taking your written assessment!
Make sure you have a valid picture ID!

Please know that all the questions are not intended to be "tricky," they are mostly designed to engage your thought process. IADC has allotted plenty of time for the test. Please take your time.

- IADC's intent is to assess your knowledge and not to trick you.
- Do not focus too much on how complicated the language is in the question.
- With IADC, there is only one correct answer per question.
- If you skip a question, write the question number on your scratch paper and be sure to go back and answer it before you submit your test. Make sure you answer all the questions.

Be sure you read the complete question before you decide to answer it.

- Focus on understanding what it is the question is asking for.
- Sometimes the key word is at the end of the question.
- This key word can make you accept or reject a proposed answer.
- If you are unsure, read the question again.
- If in doubt, ask the proctor for permission to get clarity from your instructor.

Read the question carefully, do not start to overthink the question after reading it!

- Remember these questions are based off the WellSharp drilling rig.
- Try not to relate the question back to your rig or company. Doing this can mislead you to select an incorrect answer.

Read all the answers for every question.

- Usually, half the answers can easily be eliminated.
- Focus on the remaining good answers, and then select the best one.
- Be very careful here with the answer's wording.
- Each word is important; do not neglect, omit, or add words.

Pay close attention to the IADC rounding rules (NINE, MAMM, just to name a few).

- All IADC rounding information is on page 2 of the Smith Mason & Co. formula sheet.

In some questions, IADC gives too much information

- If you read the proposed answers and you see that no calculations are required for those answers, do not waste time doing calculations.

Be very careful with negative statement questions such as:

- What is not...
- What you should not do...
- Which would you not...

Trust yourself! First instincts are usually correct, so be very careful about going back and changing answers, as this has caused many students problems.

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What we value?

Safety	Safety is good business. Everything we do relies upon the safety of our workforce and the communities around us. We care about the safe management of the environment. We are committed to safety delivering energy to the world.
Respect	We respect the world in which we operate. It begins with compliance with laws and regulations. We hold ourselves to the highest ethical standards and behave in ways that earn the trust of others. We depend on the relationship we have and respect each other and those we work with. We value diversity of people and thought. We care about the consequences of our decisions, large and small, on those around us.
Excellence	We are in a hazardous business and are committed to excellence through the systematic and disciplined management of our operations. We follow and uphold the rules and standards we set for our company. We commit to quality outcomes, have a thirst to learn and improve. If something is not right, we correct it.
Courage	What we do is rarely easy. Achieving the best outcomes often requires the courage to face difficulty, to speak up, and stand by what we believe. We always strive to do the right thing. We explore new ways of thinking and are unafraid to ask for help. We are honest with ourselves and actively seek feedback from others. We aim for an enduring legacy, despite the short-term priorities of our world.
One Team	Whatever the strength of the individual, we will accomplish more together. We put the team ahead of our personal success and commit to building its capacity. We trust each other to deliver on our respective obligations.



Example of a video training module



Example of a course promo video



RESOURCES

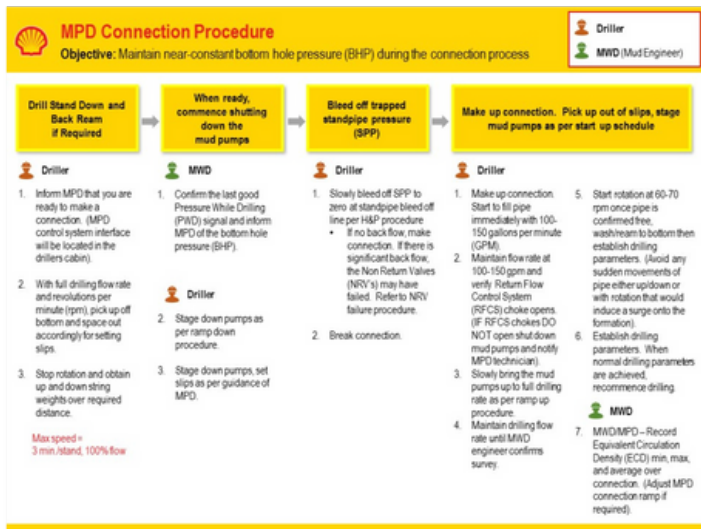
VIDEOS

Custom videos are created to showcase concepts, deliver training, or deliver messages.

RESOURCES

PROCEDURES/ VISUAL WORKFLOW

We can easily represent complex concepts for at-a-glance quick reference of procedures or workflows in office buildings and field locations.



RCD Element Failure or Line Leak

Result

Decrease in BHP

Category

Connection/Mud Pump On/TD On

Primary Indicators

- Decrease in Ann Press
- Flow out decrease
- Pit volume decrease

Reactions

Driller Reaction

- Shutdown Pump
- Close rig ram BOP or annular preventer
- Apply set point pressure through Drill Pipe
- Shut down DAPC pump

MPD Reaction

- If time permits, close annular, otherwise close rams

TRAINING TOPICS

EHS

Please note that base content for these topics is available, but specific CBT/ILT development of topics is customized per client and therefore lead time is quoted per project.

Accident Prevention and Signs/Tags/Signals	Fall Protection
ADA Prevention and Investigation	Fire – Prevention/Safety/Fire Extinguishers
Aerial Lifts	First Aid
Air/Air Contaminants	Flammable Liquids
Alcohol & Drugs	Foot Protection
Asbestos	Forklifts
Audits	Hand and Power Tools
Back Safety	Hand Safety
Bloodborne Pathogens	Hazard Communication (GHS and Labels and SDS)
Chemicals and Chemical Hazards	Hazardous Waste – General Awareness and Storage
Combustibles	HazMat Transportation
Community/Stakeholder Notification	HAZWOPER and HAZWOPER Awareness
Compressed Gases	Head Protection
Confined Spaces	Health – General
Construction Safety	Healthcare Safety
Containers	Heat and Cold (Extreme Temperatures)
Conveyors	Housekeeping
Corrosives and Battery Safety	Injury and Illness Records (OSHA 300)
Cranes and Slings (Rigging)	Inspections
Dipping and Coating	Job Hazard Analysis/Job Safety Analysis
Driving Safely	Laboratory Safety
EHS General (Metrics/Approach)	Ladder Safety
Electric Power Generation	Lead Safety and Awareness
Electrical Safety	Lockout/Tagout
Emergency Action Plans	Machine Guarding/Machine Safety
Environment – General	Manifests
Ergonomics	Material Handling – General
Exit Routes	Medical Waste
Explosives	New Employee Orientation (Generic or Custom)
Eye and Face Protection	Noise
	NORM

TRAINING TOPICS

EHS

continued

Office Safety
OSHA Compliance
Painting and Spraying
Pesticides
Pharmaceutical Waste
Powered Platforms
PPE – General
Process Safety Management
Recordkeeping
Recycling
Respiratory Protection
Risk Management
Safety – General/Safety Culture/Safety Leadership/Belief-Based
Scaffolding
Security
Shift Work
Silica
Slips and Falls/Slips, Trips, and Falls
Solid Waste and Solid Waste Transportation
Spill Prevention and SPCC Plans
Stormwater
Temporary Workers
Toxic and Hazardous Substances
Trenching
Underground Storage Tanks
Universal Wastes
Used Oil Management
Ventilation
Violence in the Workplace
Water
Welding, Cutting, and Brazing (Hot Work)
Wellness
Workers' Compensation

TRAINING TOPICS

HR

Please note that base content for these topics is available, but specific CBT/ILT development of topics is customized per client and therefore lead time is quoted per project.

ADA – What Supervisors Need to Know
Affordable Care Act: What You Need to Know
All About Nutrition
Attendance Management
Avoiding Exposure to Bloodborne Pathogens
Back Safety
Business Ethics for Employees
Business Writing
Coaching for Superior Performance
Communication Skills for Employees
Conflict Resolution and Consensus Building
Coping with Downsizing and Layoffs
Creative Problem Solving
Customer Service Skills
Dealing with Challenging Employees
Dealing with Change
Delegation Techniques
Diversity Fundamentals
Effective Communication for Supervisors
Effective Decision-Making Strategies
Effective Meetings – How to for Supervisors
E-Mail Best Practices for All Employees
Employee Benefits
Encouraging Employee Input
Enhancing Professional Development
Essential HR for New HR Personnel
Fire Safety
FMLA for Supervisors
Generational Diversity
Good Housekeeping
Grounds for Termination
Handling Employee Complaints
HAZCOM and GHS for Employees
Healthy Aging
Hiring Legally
Home Safety
How to Manage Challenging Employees
How to Manage Downsizing and Layoffs
Interrupting Unconscious Bias for Supervisors
Interviewing Skills for Supervisors
Introduction to OSHA and the General Duty Clause
Job Descriptions - How to Write Them Effectively
Leadership Skills for Supervisors and Managers
Measuring Job Performance
Motivating Employees
Negotiation Skills
New Employee Orientation – "How To" for Supervisors
New Employee Safety Orientation
New Supervisors' Guide to Effective Supervision
Office Hazards
Organizing and Planning for Success
Pandemic Flu – How to Prevent and Respond
Performance Appraisals – How to Conduct Effectively
Performance Goals - Manage Employees More Effectively
Planning and Organizational Skills
Preventing Discrimination in the Workplace
Preventing Sexual Harassment: A Guide for Supervisors
Preventing Workplace Violence

TRAINING TOPICS

HR

continued

Problem Solving
Professional Behavior
Progressive Discipline
Project Management
Sales and Customer Service
Shiftwork Safety
Slips, Trips, and Falls
State-of-the-Art Classroom Training
Strategies for Legally Avoiding Unions
Stress Management
Substance Abuse in the Workplace
Supervising Alternative Work Arrangements
Supervising Various Generations
Teambuilding for Employees and Supervisors
Temporary Employees and Independent Contractors
Terminating Employees – The Process
Time Management for Supervisors and Employees
Violence in the Workplace – Preventing
Workplace Ethics for Supervisors
Workplace Harassment
Workplace Privacy, Safety, and Security