

TRAINeZe – SRT

SERVICE RIG TRAINING

Qualified, competent people are a competitive advantage for well servicing companies.



50% of new hires have an accident in the first three months of employment; 6 month's training and experience and accidents drop to less than 5%. The average injury costs both the operator and the service company approximately \$100,000; a fatality is over \$1 million. Therefore, job competence is good business for everyone.

Competency is key to both safety and productivity, which is recognized in the IRP requirements of regulators and associations (i.e. OH&S, OSHA, CAODC, Enform, etc.)

Coole Immersive Inc. (Coole) has developed an immersive, competency based training program that will get new workers productive faster, with fewer incidents and with verifiable competencies that meet the Enform standards.

SRT BENEFITS:

SAFER – Over 30% reduction in new worker TRIF in first year of full implementation.

FASTER TIME TO COMPETENCE - new SRT trained workers demonstrate 6 months of competency within weeks

ENFORM COMPLIANT – Built in accordance with Enform competency practice and standards

REDUCE COSTS – reduce / eliminate fees, travel, expenses & supervision costs

MORE EFFECTIVE – more interactive for better understanding & retention

MORE CONSISTENT – not trainer dependant

MORE CONVENIENT – Computer + Internet

SAVE TIME – automated administration, monitoring and reporting.

WORLD CLASS – The most advanced rig crew computer training program in the world

SRT FEATURES:

EXPERT SYSTEM - developed jointly by senior rig operations specialists, instructional designers and adult education specialists

MODULAR – 4 crew position modules each with 58 competency-based work methods

WEB BASED - Computer + internet, available 24/7, from home, office or rig-site

INTERACTIVE - Interactive simulated rig / wellsite training environment

GLOSSARY - an illustrated, interactive glossary of over 700 service rig terms

SELF PACED - repeat tasks until fully understood and competent

ADMINISTRATIVE INTERFACE - Manage, monitor, measure, validate, report employee learning and issue tickets for regulators

SRT TRAINING STRUCTURE:

- ☒ Instructional video & textual information
- ☒ Quiz - testing for understanding
- ☒ Simulation – coached learning
- ☒ Simulation testing - practice and prove competency
- ☒ Administration, performance monitoring

SRT TRAINING MODULES:

TRANSPORTATION

- Secure Loads
- Prepare to Move to a New Lease Site

SITE REQUIREMENTS

- Site Requirements Overview
- Pre Job Safety Meetings
- Lease Organization/ Navigation
- Emergency Preparation /Response
- Identify Lease Hazards
- Identify Site Hazards Simulation

SPOTTING

- Spotting Overview
- Spot Crew Change Unit
- Spot Matting
- Spot Rig Carrier
- Spot Pump Truck
- Spot Rig Tank
- Spot Utility Skid
- Spot Catwalk and Pipe Racks
- Spot Boiler
- Inspect Loads -Simulation
- Use Hand Signals to Direct a Vehicle - Simulation
- Use Hand Signals to Offload Equipment - Simulation
- Transportation
- Site Requirements
- Spotting

RIGGING IN

- Rigging In Overview
- Install Ground and Bonding Cables
- Rig In Pump
- Rig In Boiler
- Rig In Crew Change Unit
- Rig In Tank
- Rig In Utility Skid
- Rig In Carrier

- Rig In Catwalk, Pipe Racks, and V - Door
- Rig In Derrick
- Rig In Derrick – Simulation

BASIC EQUIPMENT OPERATIONS

- Basic Equipment Operations Overview
- Rig Tank Operations
- Rig Pump Operations
- Remove / Install Wellhead
- Rig In Accumulator
- Test / Install BOP
- Rig In Working Floor
- Install Air Slips
- Install Tubing Tongs
- Install Rod Tongs
- Crown Saver Operations
- Raise/Lower Blocks – Simulation
- Use Slips–Simulation
- Test Crown Saver– Simulation
- Basic Equipment Operations

ROD WORK

- Rod Work Overview
- Inspect / Install Rod Hoisting Equipment
- Lock Out / Tag Out Lease
- Lock Out / Tag Out Pump Jack
- Remove / Install Horse Head
- Pull / Lay Down Polished Rod
- Install Rod Table
- Pull / Lay Down Rods to Ground or Trailer
- Pick Up Rods from Ground or Trailer
- Trip Rods to Derrick
- Trip Rods from Derrick
- Use Rod Elevators to Trip Rods Out – Simulation
- Use Rod Elevators to Trip Rods In – Simulation
- Use Rod Tongs to Make Up Connections - Simulation

- Use Rod Tongs to Break Out Connections - Simulation
- Trip Rods to Derrick Using Tongs - Simulation

TUBING WORK

- Tubing Work Overview
- Inspect Tubing Handling Equipment
- Install Tubing Hoisting Equipment
- Install Stabbing Valve for Night
- Install Stabbing Valve During Kick
- Pull and Lay Down Tubing to Pipe Racks / Ground / Trailer
- Stand Tubing in Derrick
- Pick Up and Run In Tubing from Pipe Racks / Ground / Trailer
- Run In Tubing from Derrick
- Slip and Cut Drill Line
- Use Tubing Elevators – Simulation
- Use Tubing Tongs to Make Up Connections – Simulation
- Use Tubing Tongs to Break Out Connections – Simulation
- Rack Tubing – Simulation
- Secure the Well – Simulation
- Run Tubing Into Well from Derrick – Simulation

SWABBING

- Swabbing Overview
- Prepare and Install Swabbing Equipment
- Install Sand Line Flags
- Inhibit Sand Line
- Cut Sand Line
- Pour a Rope Socket
- Swab Well

COMPUTER REQUIREMENTS

- Windows® XP or Vista.
- Minimum 2 GHz Processor, 256 MB RAM, and 3D Accelerated Video Card 128 MB.
- High speed internet connection