



OVERVIEW

With demand for trained workers outstripping international supply, and with increased technological complexity in the workplace, new recruits must quickly and safely acquire and demonstrate the competencies necessary to perform critical tasks to an industry-defined standard. Coole Immersive's Service Rig Training provides a cost-effective, reliable, consistent solution that will get your new workers on the job sooner and with fewer costly incidents.

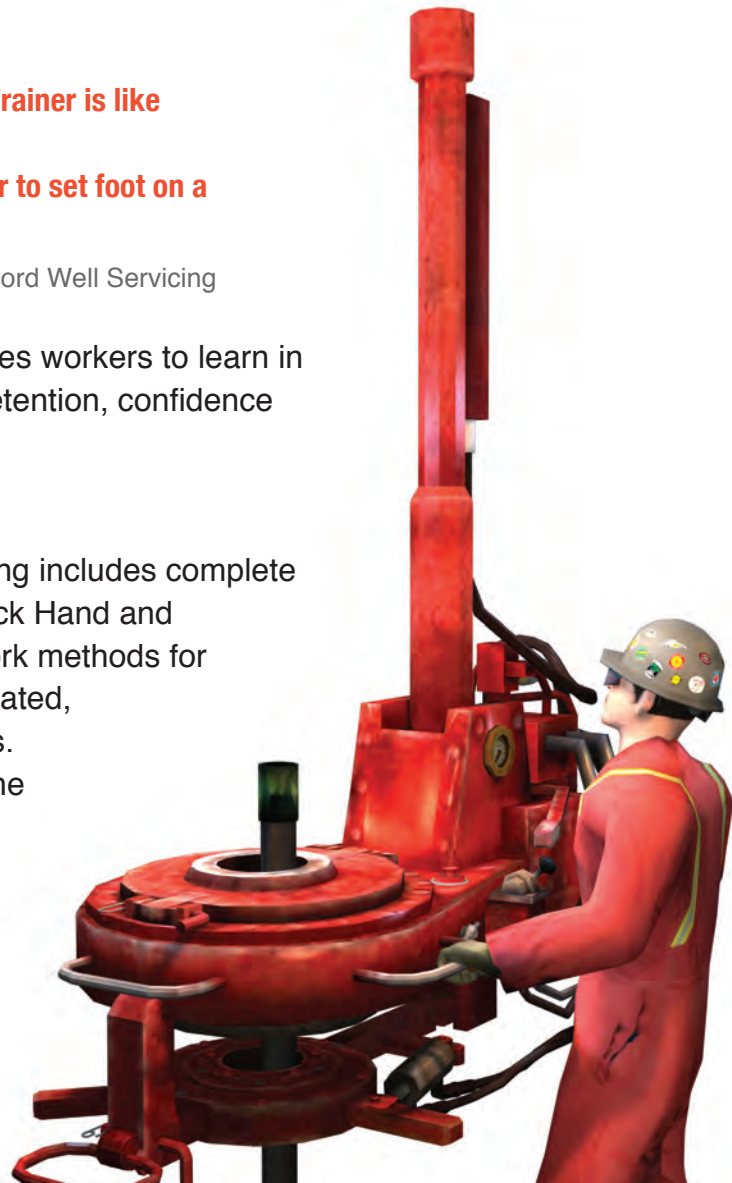
The Canadian service rig industry experiences an accident rate of approximately 50% for new hires in the first three months of employment. This figure drops to about 5% by six months.

**"Using new workers trained on the Service Rig Trainer is like getting a worker with six months experience."
(These are the) "best prepared new workers ever to set foot on a service rig."**

~ Shawn Primosch,
Rig Manager, Concord Well Servicing

Coole Immersive's innovative Service Rig Training enables workers to learn in a safe environment at an accelerated pace, increasing retention, confidence and - most importantly - competence.

Launched in 2007, Coole Immersive's Service Rig Training includes complete modules for Junior Floor Hand, Senior Floor Hand, Derrick Hand and Operator. In addition to almost 60 competency-based work methods for each of the four positions, the program includes an illustrated, interactive glossary of over 700 service rig industry terms. Coole Immersive's Service Rig Training is available for the American service rig industry, and will soon be available for Spanish speaking countries.



OVERVIEW

CONTINUED

Compliance with OSHA and other regulatory bodies requires competency. SRT accelerates the learning curve, bringing workers to competency more quickly. With tracked learning and assessment, and documented field competency validation, you are able to demonstrate the most rigorous due diligence around workforce training. As a competency based program, Coole Immersive's Service Rig Training ensures a consistent and effective training standard for your staff. New workers will be productive sooner, experienced hands will spend less time training and more time working, and everyone will be safer and have a greater understanding of what's expected of them. Consequently, safety and earnings will be maximized as downtime and liability shrink.

“With their Service Rig Trainer, Coole Immersive has implemented what should become a key element of leading edge modern training for the Petroleum Industry.”

~ Katrin Becker, Ph.D.

Needing only a computer with an internet connection, Coole Immersive's Service Rig Training can be completed almost anywhere and requires minimal supervision, freeing up your experienced staff.

Using a combination of traditional learning methods and advanced first person immersive gaming technology, workers trained on Coole Immersive's Service Rig Training will demonstrate competence by performing the tasks they'll be expected to perform before EVER setting foot on your job-site.



Students watch an instructional video, then complete a quiz, establishing a basic understanding of the competencies they are about to learn in the simulation. In the simulation, a virtual coach guides the student through the procedure, offering feedback where appropriate. Once the student is comfortable with the procedure, he can choose to enter assessment mode, where no virtual coach is available, and his performance results are stored in our data base.

Every trainee's performance is tracked and recorded on our servers, so you have a permanent record of who has trained on what, and maybe even more importantly, who has demonstrated COMPETENCE in any given task.

Cooler Immersive's Service Rig Training offers the following features and benefits:

- ✔ State of the art 3D interactive Environments
- ✔ Mobile training solution
- ✔ Self-paced learning
- ✔ Greater retention rate than traditional training methods
- ✔ Subject Matter Expert developed work methods
- ✔ Competency based training
- ✔ Safe-Fail training environment
- ✔ Increased productivity and efficiency
- ✔ Reduced downtime
- ✔ Validation Tool
- ✔ Ongoing tracking of employee training





Simulation-Based Training

- The first simulation-based training program for service-rig personnel.
- Developed by senior personnel from service-rig companies, working with specialists in instructional design and adult education.
- Uses a first-person-perspective 3D environment to give users a 'hands-on, off-site' learning experience.
- Interact with other people, equipment, and objects in a virtual environment.
- Learn complex tasks where failure doesn't hurt or cause damage.
- Backed up by on-site evaluation of trainee's knowledge / skills.

Employer Benefits

- Fewer accidents and incidents on work sites.
- Trainees learn to perform tasks in a consistent way
- Material can be accessed from home, office, or rigsite, at any time of day or night.
- Standardized training and evaluation reduces costs for individual companies and the industry as a whole.

Employee Benefits

- Easy to determine if this is the job for them.
- Quicker integration into existing crews.
- Less reliance on printed materials, easier learning curve for visual learners.
- Can attempt a task many times, until it is well understood and fully learned.
- Increased portability of skills.

Training Delivery

- Application is installed on local machine.
- All data is server-based, accessed via the internet
- Trainee records are stored on the server, behind a secure firewall.
- Available 24 hours a day, seven days a week, from anywhere with a web connection.



CONTENT OUTLINE

Transportation

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

Site Requirements

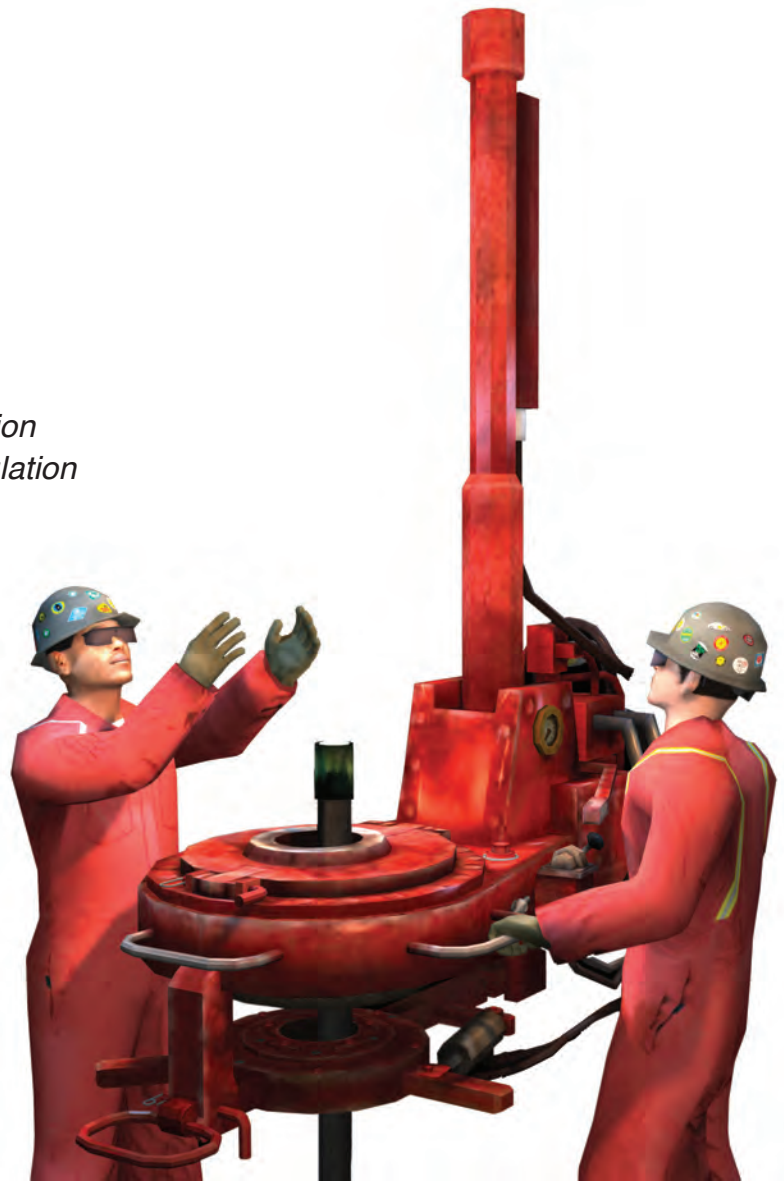
- Site Requirements Overview
- Pre-Job Safety Meetings
- Lease Organization / Navigation
- Emergency Preparation / Response
- Identify Lease Hazards
- Identify Site Hazards - *Simulation*

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*

Rigging In

- Rigging In Overview
- Install Ground and Bonding Cables
- Rig In Pump
- Rig In Boiler
- Rig In Crew Change Unit
- Rig In Tankage Unit
- 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

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

