

# Tank turnarounds: Cleaning process yields unmatched results

## Cinatra<sup>SM</sup> Clean Technologies

When it comes to tank turnarounds, Cinatra<sup>SM</sup> Clean Technologies Director of Field Operations Barry Gordon said customers are concerned about three key things: safety, productivity and results. Cinatra alleviates these concerns by offering a patented, nonman entry tank cleaning

process that is executed by a qualified, experienced team of experts.

Cinatra's Quantum Leap<sup>SM</sup> system drastically reduces man-hours compared to conventional methods of tank cleaning, making the turnaround process quicker and safer.

"During a typical seven-day mobiliza-

tion, we normally have a six-man crew that works a 10-hour shift," Gordon said. "Once we are mobilized on the jobsite, we begin our processing phase, which consists of a 24/7 operation with two operators working a 12-hour day shift and two working a 12-hour night shift.

This makes for a quicker tank cleaning because we can operate for the entire project without stopping."

Because Cinatra's approach is a closed-loop system, Gordon said there is no need for high site traffic, multiple crew trucks, vacuum trucks (loading and off loading), or numerous tanks being filled and emptied that need to be manned.

"The smaller manpower 'footprint' makes job tasking, communication and overall project efficiency much more organized, and therefore safer and more productive for our clients and Cinatra both," Gordon said.

According to Gordon, the most regarded and recognized compliment the company receives is from clients applauding Cinatra's ability to function as a self-reliant organization that fully manages the turnaround from start to finish with little outside help from the client.

"Our clients really appreciate the way our field operators take full control over the jobsite in regard to safety, organization, logistics and production," Gordon said. "We have no confined-space permits written daily, our closed-loop system avoids product being exposed to the atmosphere, and we keep operations fully aware of all hydrocarbon movements within our process.

"This allows safety, environmental and operations personnel more time to assist in other turnaround projects that need added attention. This is just another way to make the client's turnaround more productive and efficient so things go as safely as planned."

Cinatra is also able to take product samples every two hours and process the results in its on-site lab. Gordon said this can save several hours a day during the turnaround because the client doesn't have to wait on lab tests at its own facility or use a third-party lab.

"Being able to process this task on site drastically helps Cinatra and the client monitor changes in the tank's contents and make quick adjustments to the system to account for these changes."

Gordon said Cinatra is clearly the exceptional choice when scheduling a tank turnaround because the company's process is simply unmatched in regard to safety and efficiency, and has the ability to reduce overall project risks — raising confidence of all involved in the tank turnaround.

"Cinatra's ability to consistently beat the competition in terms of project schedule, availability, safety, and overall efficiency of the client's time and schedule is what makes it the exceptional choice," Gordon said. "It is truly a 'quantum leap' ahead of traditional cleaning approaches."

**For more information, visit [www.cinatracle.com](http://www.cinatracle.com) or call (713) 351-0707. ●**



## A Quantum Leap<sup>SM</sup> in Tank Cleaning Technology

Cinatra<sup>SM</sup> Clean Technologies Inc. is the sole service provider using BLABO<sup>®</sup> technology in the United States and Canada through its partnership with Oresco A/S. This innovative, non-man entry system—used successfully in more than 500 projects worldwide—cleans even the most difficult-to-clean aboveground storage tanks in the refining and pipeline industries.

Cinatra's system is a **Quantum Leap<sup>SM</sup>** ahead of traditional, manual tank cleaning methods. This modern, automated approach to tank cleaning brings together highly skilled operators with patented, closed-loop technology that eliminates the need to enter the storage tank during cleaning. The result? Better, safer and faster cleaning, with less environmental impact and overall project risk.

### Benefits of the Quantum Leap<sup>SM</sup> Approach

- ◆ Recovers 98%-plus hydrocarbons
- ◆ Reduces cleaning time by 50%-plus
- ◆ Dramatically reduces waste disposal
- ◆ Minimizes environmental emissions
- ◆ Maximizes safety
- ◆ Minimizes overall project risk



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