



IMPACT Another PSC Success Story

Puget Sound Refinery — Tank Cleaning



Superheros on the Sound: How We Put 98,000 Barrels a Day Back in Business.

This Puget Sound Refinery is one of the largest facilities on the West Coast, processing some 98,000 barrels of crude per day. A “turnaround” requires a total shutdown for cleaning, maintenance and repairs, and completing scheduled maintenance on time is of the utmost importance. The turnaround can take weeks and trigger millions in direct costs and lost production revenue, which is why this highly-specialized process often requires the skills and assistance of outside experts.

As one of largest facilities in the Pacific Northwest, this refinery processes raw crude delivered from Alaska’s Prudhoe Bay field by tanker, as well as pipelined Canadian oil. Production capabilities include gasoline, diesel fuel, jet fuel, residential fuel oil, marine bunker fuel oil and liquefied petroleum gas. In early 2012, the refinery scheduled a five-week turnaround, contracting the services of several local companies. It quickly became apparent that the turnaround was extremely behind schedule. Having worked with PSC on many other

turnarounds nationwide, the customer made the call.

Within 24 hours, PSC had a team of 15 on site at the refinery. After assessing the situation, an action plan was devised which required PSC to work 24/7 for two weeks straight. Critical to

this plan was PSC’s state-of-the-art technology using remote-control 3-D rotating nozzles, which clean the heat exchanger bundles much faster than standard methods.

The plan? It proved to be a good one. Working hand-in-hand with the refinery’s management team, PSC caught up and completed

the work in two weeks, a full one week ahead of the original turnaround schedule, and with zero safety issues.

The bottom line? After PSC stepped in, the refinery was back up and running sooner than originally planned, with significantly reduced net costs. Thinking fast and moving faster: now that’s what we call a real turnaround.

“I want to congratulate PSC on a job well done. They stepped up under difficult circumstances, finished ahead of schedule and performed like true champs.”

Refinery Turnaround Supervisor

Next time, put some muscle on your turnaround team.



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