Ensure an efficient system where workers have the safety equipment they require with minimum lost tool time.

An onsite dispatch who rig-in safety equipment when required and rig-out the equipment once the job is complete.

Challenge

Ensure effective asset, equipment and resource management.

Solution

A 'courier-like' system that brings in safety equipment when requested and picks it up after job is complete.

Results

Minimizes lost tool time and reduces inventory of safety equipment.

Scheduled for March 2010, this event was a major maintenance turnaround of a 160,000 B/D Heavy Oil Upgrading Facility, 60 days in duration with over 3500 contractors. The event was the single largest maintenance undertaking in this Major IOC's history.

Canada

KEY CUSTOMER BENEFITS

Increasing productivity by eliminating lost tool time

United Safety devised a safety resource delivery system that eliminated the significant lost tool time per shift that workers would have incurred fetching and returning safety equipment. For both planned and unplanned tasks, equipment was delivered and rigged-in by qualified dispatch personnel. Once the job was completed, a call was made and the same dispatch personnel rigged-out and picked up the equipment.

Returned equipment was delivered to our mobile onsite QA/QC facility where it underwent a complete field maintenance cycle; i.e. it was cleaned, disinfected, inspected, and tested before being re-deployed multiple times per shift.

Unplanned work receives necessary safety equipment "just-in-time", reducing its negative impact on overall work schedules

By being able to turnaround equipment faster and rig-in and rig-out equipment effectively, customer could deal with unplanned work more effectively and avoid schedule delays. A direct benefit of the dispatch system was the constant communication it enabled between user groups. This ensured better coordination of what equipment was required when and by whom. Instead of visiting a distribution trailer on the other side of the site to retrieve necessary equipment, craft labor went directly to the work site where safety resources were waiting. Critically the system gave real-time monitoring and reporting of resources available to respond to ongoing or emergency requests.

Reduction in overall equipment and resources due to an efficient centralized system

Since equipment was turned around much faster, it could be used more number of times per shift. This resulted in a smaller inventory and eventually a smaller bill for the customer. Moreover, this system ensured that usage and inventory were tracked by location and user for future reference. This also reduced equipment loss and damage.