



Stucchi[®]
A CONSTANT FLOW OF SOLUTIONS

STUCCHI SOLUTIONS

HEALTH & SAFETY

OVERVIEW

A complete process review creates a substantially more effective solution, by determining exactly where and how an oil & gas customer was using a coupling product. The resulting solution fulfills their immediate concerns and ultimate goals, while it also addresses additional areas of vulnerability.

CHALLENGE

A large service provider to the oil & gas industry was focused on using flat faced couplers to avoid potential lockout/tagout incidents and negative environmental impact that could be caused by leakage of hydraulic fluids.

SOLUTION

We started by asking deeper questions about the service provider's entire process—including where and how the coupler was being used, how it interfaced within the process, and potential areas of exposure. The answers revealed that the current process was creating an operator safety concern, as operators were being exposed to stored energy affected by thermal expansion. Therefore, a solution was needed that could address both environmental concerns *and* health & safety.

The Stucchi Solution—a leak-free, safe, connect-under-pressure solution, using the VEP series threaded flat face coupling.

The VEP is an effective solution for hydraulic circuit applications subject to high pressure impulses and high residual pressure within the line. The patented internal valve allows connection and disconnection with high residual pressure, and the flat face design avoids loss of hydraulic fluid during connection and disconnection.

RESULTS

Eliminated reportable workplace incidents and injuries in their connection/disconnection process for hydraulic lines and achieved zero leakage, and therefore, no environmental impact.

BENEFITS

With one simple change in their selection of couplers, the service provider

- positively impacted their continuous improvement goals in the areas of
 - health
 - safety
 - environmental issues

Oil & Gas

Mobile

Industrial

Agricultural

STUCCHI SOLUTIONS MEASURE THE BENEFITS

Delivering Safety/Health, Total Customer Satisfaction, Efficiency, Environmental, and Productivity Results

✓ ENSURE SAFETY

- Reduce number of reportable workplace incidents and injuries
- Meet continuous improvement safety initiatives
- Secure operator safety by defeating 'the silent killer', stored energy with thermal expansion
- Reduce incidents of slips, trips, and falls caused by leaking hydraulic fluids

✓ TOTAL CUSTOMER SATISFACTION

- Meeting total customer needs for Safety/ Health, Efficiency, Environmental Impact and Productivity issues
- Offering total solutions instead of stop-gap measures alone, for complete customer satisfaction

✓ IMPROVE EFFICIENCY

- Meet deadlines by remaining on schedule
- Eliminate work shutdowns due to leakage concerns
- Save time switching out equipment lines
- Create more time for preventive maintenance

✓ ELIMINATE ENVIRONMENTAL ISSUES

- Reduce cost by eliminating fines and remediation fees
- Protect environment from leaking hydraulic fluid

✓ INCREASE PRODUCTIVITY

- Prevent unintended downtime
- Meet or exceed productivity goals
- Reduce non-productive time
- Create potential business growth opportunities

Find out more about how Stucchi solutions can benefit your business.
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