

Side-Stream Assembly for Corrosion Monitoring



Cut corrosion inhibitor and maintenance costs significantly with Rohrbach Cosasco Systems new Cosasco® Side-Stream Assembly. The Side-Stream Assembly installs quickly to provide metal loss, corrosion rate, erosion rate, pressure, temperature, flow, and bacterial activity in your pipelines. Installation is quick and easy with minimal cost. Your system connects to the upstream and downstream ends of the Side-Stream Assembly with flexible high-pressure hoses. Multiple 1" tees allow for custom design for multiple monitoring options and future add-ons if necessary. The Side-Stream Assembly provides reliable corrosion monitoring while maximizing corrosion inhibitor efficiency.

For more information visit Rohrbach Cosasco Systems online at www.cosasco.com or e-mail sales@cosasco.com



www.aiche.org/cep or Circle No. 150 on p.63

Cutting-Edge Capital Project Management & Cost Control

A one-day seminar introducing cutting-edge capital project management and cost control techniques, techniques endorsed by the Project Management Institute (PMI) and the American Association of Cost Engineers (AACE), adapted to our industry. No note taking necessary. A take-home CD will contain files and spreadsheets which will cover all discussed and do the following:

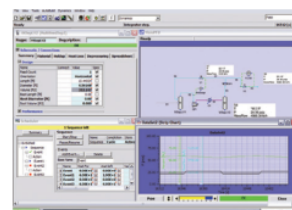
- (1) **Project Scheduling:** Calculates project schedule, concept through startup, based on input project cost estimate (conceptual through detailed) and project type.
- (2) **FCI given ROI:** Calculates the fixed capital investment that satisfies input project economic requirements.
- (3) **Definition Rating & Earned Value:** Accurately predict final project cost at any point in the project. Identify overruns early enough to do something about them.
- (4) **Project Plans:** for a small, medium, large, and very large project, accommodating any project, in accordance with the PMBOK, the ANSI standard on project management, written by the PMI, adapted to our industry.
- (5) **Engineering Scopes of Work (SOW):** Get better, more economical engineering through hard money bids: Preliminary Engineering SOW, Detailed Engineering SOW, Design / Build SOW.

Cost: \$599 per person **Location:** Joliet, IL
Dates: 8/7/09, 9/18/09, 10/23/09, 11/20/09.

Information and Registration:
CP Project Services, inc. 708-425-2279
www.cprojectservices.com

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VMGSim™ Integrated Steady State and Dynamic Simulation.



Easily create process models of refining, chemical and oil/gas processing to troubleshoot, design or optimize your plant. Create steady state models, size and rate vessels, columns and heat exchangers. Add your control system to the model and click a button to run dynamically. Use the dynamic wizards to create and run dynamic depressuring and blowdown studies and model multistage compressors and antisurge control. Create custom unit operations and economic models embedded in your process model by dragging the Excel operation onto your PFD. Graphical User interface driven by embedded Visio. Completely Interactive, bidirectional simulation solver.

For more information visit our website at www.virtualmaterials.com



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09AICHE
Annual Meeting, Nashville, TN

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Contact:
Doris B. Deutsch
Global Display Sales Manager
Phone: 646-495-1361, Fax: 775-254-6963
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For details, visit:
<http://www.aiche.org/Conference/ExhibitSponsor/AnnualExhibitSponsor.aspx>

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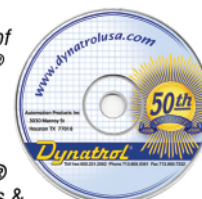


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Designed to monitor high, intermediate or low point-level detection on dry bulk solids as well as liquids or slurries, the **Dynatrol® Level Detectors** are available in corrosion-resistant coatings. The compact, rugged detectors are built in the USA and are solidly constructed for a long operating life. They have no moving parts, require no adjustments and are virtually wear-free – delivering a worry-free solution for your demanding service conditions.

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