

Refining and Gas Processing Community presents

**Coking.com**® & **SulfurUnit.com**

Calgary, Alberta  
September 13-17, 2010

Safety Seminar ♦ Exhibition ♦ Training

Abstract



Title: Stop Plugging Those Coker Lines!

By: Jim Hartman, Controls Southeast, Inc.

=====  
Throughout the world, refineries are increasing their use of delayed coking technology to improve the yield of transportation-consumable hydrocarbons.

This trend, coupled with increasingly heavier crude inputs, results in heavier feedstock being sent to the coking unit. The increased carbon content in the feedstock increases residuum viscosity, and this places a greater thermal burden on the thermal maintenance system to prevent line plugging.

Historical pipe heating approaches for lower viscosity residuum are proving to be inadequate, and refineries are turning to a more robust heat tracing solution.

This presentation will review the areas in the coking unit which are most susceptible to plugging and describe the new heating solution technology.