How to Benchmark Your Refinery's Fuel Blending Control System

January 19, 2023, 11 AM CDT, 12 PM EST, 9 AM PST
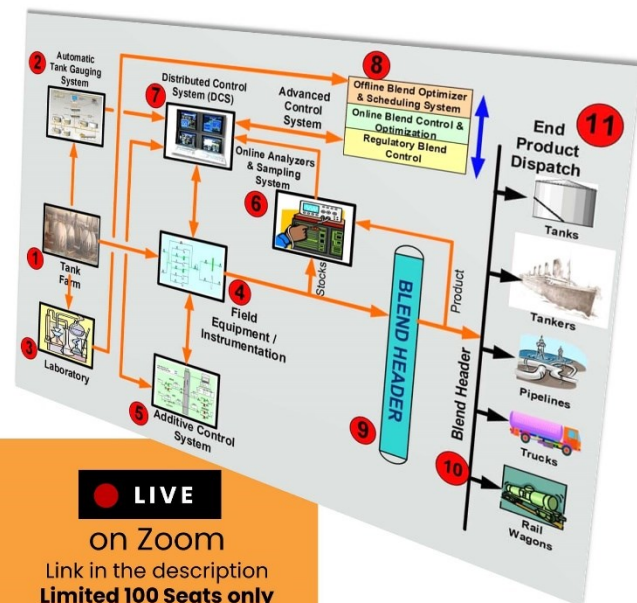

About

A refinery typically produces 45-65% fuel products (gasoline, diesel, LPG, fuel oil) of its crude throughput by blending 10-12 refinery products that vary in quality and monetary value. These fuel products have rigorous specifications to meet, and refineries use automated fuel blending control systems to optimize and control their properties.

This webinar discusses a methodology to benchmark the state of the fuels blending system in a refinery to compare with other refineries using two indices, Automation Effectiveness, and Operational Efficiency. These two indices also gauge the budgetary investment required to convert the manual to an automated system or upgrade the automated system to a state-of-the-art blending control system.

Speaker

The speaker, Dr. Suresh S. Agrawal, is the founder and CEO of Offsite Management Systems LLC (OMS) and the academy director of OMS eLearning Academy.

He graduated from the Indian Institute of Technology, Mumbai, India, with a Bachelor of Chemical Engineering. He then obtained a Master's and PH.D. Degrees in Chemical Engineering from Illinois Institute of Technology, Chicago, USA.

Dr. Agrawal has 40+ years of experience in senior technical / management positions with international companies and has successfully managed many advanced refinery process control projects in numerous countries. Dr. Agrawal is a registered professional engineer in Illinois, USA, and is a member of the American Institute of Chemical Engineers and Instrumentation Society of America. He has published and presented 30+ papers in international publications and conferences in advanced process control. He has also acted as a consultant to several refining and process industries worldwide and delivers training seminars in the areas of his expertise.

What will you Learn

- Overview of crude oil products and fuels blending economics
- Review a typical fuels blender, its issues, and ways to handle them
- Explain the fuels blending benchmarking methodology
- Introduce blending performance Indices
- Discuss details to calculate performance indices
- Compare the benefits and features of methodologies used in the industry

Who should attend this Webinar

- Blending engineers
- Process Control engineers
- Operations Managers
- Refinery Planners

About OMS eLearning Academy

- Provides a portal for the continuing education of refinery and related business professionals
- Professionals can make their curriculum from 200+ topics or enroll in 200+ structured courses
- Progressive eLearning mode course can be taken anytime, anywhere, and on any device
- Issues course completion certificate and transcript with Continuing Education (CE) credits
- Offers Flexible plans and subscriptions for both individual and enterprises

Click to see the academy catalog of topics https://bit.ly/3cJ1YnM

Event Link

https://us02web.zoom.us/j/82181532722?pwd=cTlXWHZXYmJIM1RsWDEzYk1sdWppQT09

To Share Event,

I invite you to our master class series webinar, "How to Benchmark Your Refinery's Fuel Blending Control System", on January 19, 2023, at 11 AM CDT, 12 PM EST, and 9 AM PST.

https://bit.ly/3FrKzKQ

https://us02web.zoom.us/j/82181532722?pwd=cTlXWHZXYmJIM1RsWDEzYk1sdWppQT09