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Consultant and Automation Solutions Provider
for Refinery Offsite Operations
*Redefining Excellence...*TM

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Hydrocarbon Management in the Refining Industry

When: January 21, 2015

Time: 10 -11 AM CST

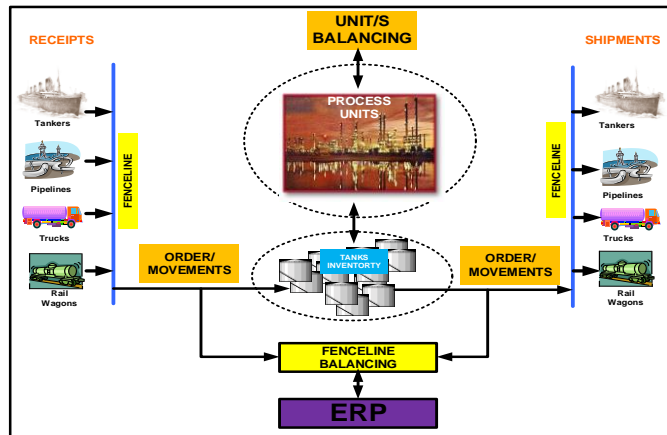
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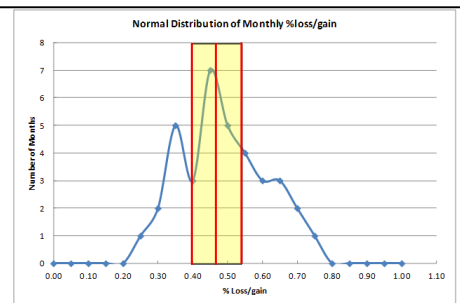


The term Hydrocarbon management or mass reconciliation or oil loss all mean to the balancing of the input and output of a refinery. The typical best run refineries average imbalance is between 0.35-0.55% of refinery crude throughput and this translates into yearly loss of 35-60M\$ for a 300KBD refinery with crude price of \$100/bl. This loss does not even account for loss due to demurrage, data inconsistencies in custody transfer data, etc. This is huge incentive for not so efficient refineries, at least it should be, to manage its assets efficiently, streamline the accounting procedures, calibrate its meters, etc.

This free webinar discusses the concept of HM landscape in a refinery, process of reconciliation, asset management systems (Tanks, oil movement, custody transfer, vendor/customer management (ERP), etc.) and relates them with element of the accounting process.



Month	%Loss/gain
1	0.49
2	0.38
3	0.59
4	0.35
5	0.65
6	0.59
7	0.61
8	0.61
9	0.54
10	0.63
11	0.51
12	0.67
13	0.22
14	0.44
15	0.39
16	0.49
17	0.42
18	0.45
19	0.3
20	0.35
21	0.41
22	0.33
23	0.59
24	0.41
25	0.65
26	0.41
27	0.74
28	0.31
29	0.4
30	0.44
31	0.45
32	0.39
33	0.53
34	0.5
35	0.47
36	0.44
Minimum	0.220
Average	0.467
St Dev	0.124
2 Sigma	0.248
Maximum	0.740



✓ Normal distribution for a typical real refinery %loss/gain for 3 years has a mean of .467 and std dev of .124, which is +13.25% variation from the mean and is usually taken as margin for improvement in the mass reconciliation process.

What you will learn:

Principles, processes and management of hydrocarbon landscape in a refinery, elements of losses, their measurement and over-all reconciliation methodology.

Who Should Attend:

The webinar is aimed at and is suitable for:

- Refinery Managers
- Finance Manager / Yield Accountants
- Control Engineers /Maintenance Engineers
- Process unit engineers / Supervisors

Webinar Director:

Dr. Suresh Agrawal
President, Offsite Management Systems LLC

Dr. Agrawal has advanced degrees in Chemical Engineering from I.I.T's (India, USA). He has 30+ years of experience at senior technical / management positions with international companies and has successfully managed and executed many advanced refinery offsite operation automation projects in numerous countries. He has published and presented 30+ papers in international publications and conferences in the areas of refinery offsite operations automation. He has also acted as a consultant to a number of refining and process industries worldwide, and delivers training seminars in the areas of his expertise.



If you will like to review curriculum in detail, please [click here](#).

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