

Training Agenda

Day 1 - Software orientation, OLI calculations, tricks, Version 10, ESP and Corrosion Analyzer

- Consider including short calculations/cases to show:
 - ✓ Equilibrium of ionic species (NH_3 , H_2S etc.) as function of pH
 - ✓ Effect of pH on solubility of compounds (CaCO_3)
 - ✓ Use of water analysis to build up a water stream (reconciliation oh pH, alkalinity, etc.)
 - ✓ Neutralization case (refinery process, water), other
 - ✓ Autoclave example

Day 2 - Process Refining (and some corrosion) applications suggested by AJ below. Version 10 impacts

- Sample case that highlight
- Hydro-processing operation (NH_4HS % as function of T/P)
- Amine chloride (salt point and dew point)
- Sour gas scrubbing with caustic
- Corrosion Analyzer example
- Amine chemistry – heat stable salts, free H_2S and bound H_2S in amines
- Other

Day 3 - Water Treatment applications suggested by AJ below. Version 10 impacts, and Wrap up

- Use of OLI Flowsheet
- Corrosion rates in water (unless this is covered in Day 2)
- Cooling water cycling (not sure if OLI has this”

think simulation | getting the chemistry right

Contact Us:



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