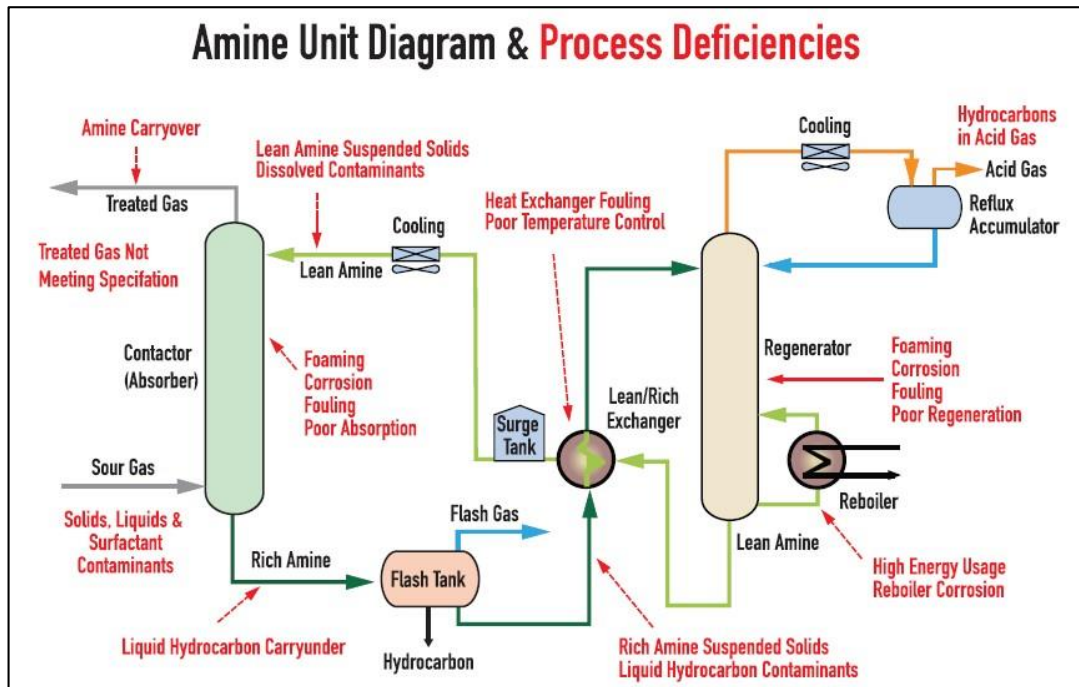


Amine Unit Contamination Evaluation & Troubleshooting

In order to meet treated gas (or liquids) specifications, maintain throughput, and avoid amine losses, very plant must operate Amine Units with minimal deficiencies. To avoid such deficiencies, it is necessary to minimize or eliminate inlet contaminant ingress from the feed and contaminant recirculation from the amine solvent itself. Proper separation equipment with correct designs, maintenance and operation is vital to the efficiency and stability of virtually any Amine Unit. Regular vessel inspections, operator training, on-site testing protocols and engineering evaluations must also be practiced.



Without proper separation equipment or contamination control procedures, a number of deficiencies can occur, such as amine chemical poisoning, decomposition and foaming. Nexo Solutions has a variety of capabilities for identifying and resolving contamination problems, filtration & separation vessel deficiencies with the objective of improving Amine Unit performance. Capabilities include on-site sampling systems, software for separation equipment evaluation, and contaminant analysis methods.

Amine Unit contamination technical services include:

- Amine Foaming and Degradation
- Inlet Contamination (surfactants)
- Hydrocarbon Contamination
- Suspended Solids & Filtration Costs
- Amine Solvent Carryover & Losses
- Fouling & Corrosion

For additional information, please contact us at Support@NexoSolutions.com