

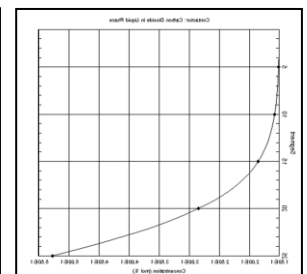
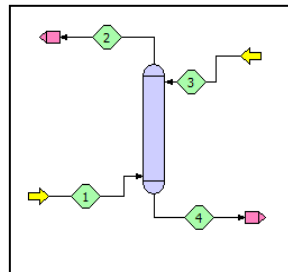
Nexo Solutions has the most comprehensive line of engineering consulting, testing and technical services for Amine Units and Gas Processing worldwide. Our solutions are matched to individual units for improving process performance, plant reliability and profitability.

Process Unit Technical Audits

As part of our expert technical services, we provide routine amine unit audits that examine each part of the unit. The audits not only include process parameters, but also evaluating the equipment, mode of operation, contamination profiles and process set points. Amine Optimization Audits are the best 3rd party review available in the industry and are aimed at improving process performance, reliability and reducing cost.

Areas covered during an audit:

- Overall unit performance and set points
- Contactor & regenerator design and operation
- Flash tank design and operation
- Filter and coalescer evaluation
- Carbon bed design and performance
- Antifoams and emulsion breakers
- Heat exchanger performance
- Foaming and corrosion discovery
- Amine solvent analysis review
- Energy use and energy savings
- Operating procedure protocols
- Thermal imaging



After the audit is completed, a detailed report is issued. These reports are used to determine the status of a unit and help provide suggestions to improve its operation. Routine audits allow for the facility to track their potential areas of attention and address them before they become a problem and cause high cost.

Several facilities are often exposed to challenging scenarios that occur often occur instantly. These situations generally lead to the conclusion that the issue could have been prevented if it were detected earlier. Audits are instrumental in detecting these situations with anticipation.

