Technical Training Seminar

Amine Units and Dehydration Units

Operation | Optimization | Troubleshooting

April 15-16-17, 2025 | 8 AM-5 PM

Midland College | Midland, TX

NexoSolutions

Technical Seminar Objectives

The objective of this technical seminar is to inform participants about amine units and dehydration units in terms of operation, basic concepts, parts and components, equipment functions, set points, and the most common problems associated with their operation. The objective is also to train attendees on troubleshooting strategies, critical parameters, root-cause methods, process optimization, discuss real cases and common problems associated with amine and dehydration units.

Who should attend?

- Process Engineers
- Operations
- Maintenance Personnel
- Managers & Supervisors
- Technical Specialists
- Purchasing Personnel
- R&D Personnel & Scientists
- Consultants & Contractors
- Suppliers & Fabricators
- Repair Crews

This technical training seminar is led by Nexo Solutions

Register now!

Email: NXU@NexoSolutions.com

or call +1 (832) 510-8191

TECHNICAL TRAINING SEMINAR

Amine Units and Dehydration Units

NexoSolutions

Dates and Times

April 15-16-17, 2025
8 AM-5 PM

Seminar Location

Midland College, Advanced Technology Center
Blankenship Lecture Hall
3200 W Cuthbert Ave
Midland, TX 79701

Seminar PDH Credits:

- 24 PDH (Professional Development Hours)
- Certificate issued upon course completion

Included in the Seminar:

- Breakfast, lunch, refreshments, and day-1 happy hour
- Booklet with all presentation materials

Seminar Cost:

- $2,450 per person for all three (3) days
- $1,950 per person for two (2) days
- $1,150 per person for one (1) day

For Questions or to Register:

email NXU@NexoSolutions.com
or call +1 (832) 510-8191

What You Will Learn

Day 1- Basic Concepts of Amine Units:

- Amine Unit Chemistry
- Different Amine Solvent Types
- Amine Unit Parts and Functions
- Operations and Process Parameters
- Scheduled Maintenances
- Amine Analysis
- Inlet Separation
- Lean Amine and Rich Amine Filtration
- Activated Carbon Beds

Day 2- Advanced Concepts of Amine Units:

- Foaming and Foam Control
- Solvent Losses and Solvent Recovery
- Heat Stable Salts
- Fouling and Corrosion
- Amine Degradation
- Liquid-Liquid Coalescence
- Troubleshooting
- Real Case and Problem Solving
- Common Mistakes in Amine Unit Operations

Day 3- Dehydration Units:

- Basics of Glycol Units & Molecular Sieves
- Solvents & Molecular Sieve Materials
- Dehydration Unit Parts and Functions
- Operations and Process Parameters
- Chemical Analysis
- Filtration & Separation
- Troubleshooting
- Real Cases and Problem Solving
- Common Operational Oversights