

TECHNICAL TRAINING SEMINAR

Amine Units and Dehydration Units

Operation | Optimization | Troubleshooting

April 8-9-10, 2025, 8 AM-5 PM

Nalco Water Technology Center | Houston, Texas (USA)



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

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 Location:

Nalco Water Technology Center

8846 North Sam Houston Parkway West

Suite #150

Houston, TX 77064

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

For registration and questions, please contact NXU@NexoSolutions.com | T +1 (832) 510-8191

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Technical Seminar Objectives

The objective of the technical seminar is to inform the 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 the 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