



### **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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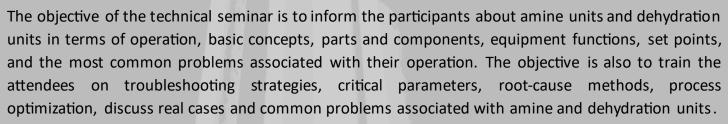
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# Technical Seminar Objectives





# Who Should Attend

- Process Engineers
- Operations
- Maintenance Personnel
- Managers & Supervisors
- Technical Specialists

- Purchasing Personnel
- R&D Personnel & Scientists
- Consultants & Contractors
- Suppliers & Fabricators
  - Repair Crews