

# TECHNICAL TRAINING SEMINAR

## Amine Units and Dehydration Units

Operation | Optimization | Troubleshooting

Fort Worth, Texas: Sept 17<sup>th</sup> - 19<sup>th</sup>, 2024

Ridglea Country Club, Luther's Room, 8 AM - 5 PM



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

### Course Cost:

\$2,450 per person for all three (3) days

\$1,150 per person for one (1) day

Group discounts available

### Course Credit:

24 PDH (Professional Development Hours)

Certificate issued upon course completion

### Included:

Breakfast, lunch, refreshments, and Day-1 happy hour

Booklet with all presentation materials

### Location:

Ridglea Country Club

3700 Bernie Anderson Ave

Fort Worth, Texas 76116

**For questions and signup, contact Melissa Green, Technical Training Coordinator:**

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## Objectives

To inform our participants about amine and dehydration units, their basic concepts, unit components, equipment functions, set points, and the most common problems associated with their operation. The objective is also to train on troubleshooting strategies, critical parameters set points, 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