

FOCUS OF THE TECHNICAL TRAININGS

- Designed specifically for operators or engineers
- Independent, objective and vendor-neutral
- Emphasis on technical and economic impacts
- Practical real-world relevant content
- Based on Nexo Solutions 20+ years of experience

Technical Training Seminar Modes



Onsite Seminars

Delivered in-person at specific plants, facilities or corporate offices.



Open Seminars

Delivered in-person twice a year and are open for all to attend.



Webinars

Delivered online, live via Zoom once per month and are free for all to attend.



Online Courses

Recorded courses at the NXU Online Technical Training Platform.

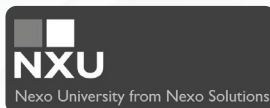
NXU Online Website: <https://nxu.teachable.com>

WHO SHOULD ATTEND

- Engineers
- Operators
- R&D Personnel
- Managers & Supervisors
- Technical Specialists
- Maintenance Personnel
- Construction Personnel
- Environmental Areas

CUSTOMIZED SEMINARS

NXU also offers customized or advanced seminars for specific needs and facilities. Please contact NXU for more information on our various technical training programs.



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NXU NEXO UNIVERSITY

TECHNICAL TRAINING SEMINARS

Amine | Dehydration | Cryogenics | Stabilizer | Filtration

➤ Open Seminars

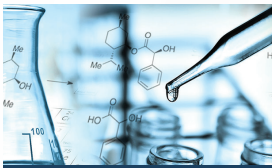
➤ Online

➤ Onsite Seminars

➤ Webinars

GAS & LIQUIDS PROCESSING

Amine | Dehydration | Cryogenics | Stabilizer | Filtration



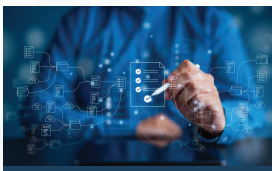
Basic Principles



Contamination Control



Equipment Details



Process Setpoints



Maintenance & Optimization



Troubleshooting

TECHNICAL TRAINING SEMINAR CONTENT

AMINE UNITS (1 OR 2 DAYS)

- ✓ Amine Unit Basics & Solvents
- ✓ Solvent Foaming, Losses & Recovery
- ✓ Troubleshooting & Case Studies
- ✓ Solvent Analysis & Monitoring
- ✓ Energy & Solvent Protection
- ✓ Operational Set Points
- ✓ Equipment Details
- ✓ Corrosion & Fouling
- ✓ Contamination Control
- ✓ Process Optimization

DEHYDRATION UNITS (1 DAY)

- ✓ Molecular Sieve Unit Equipment
- ✓ Molecular Sieve Process Details
- ✓ Principles of Liquid Desiccants
- ✓ Principles of Solid Desiccants
- ✓ TEG Unit Process Equipment
- ✓ Dehydration Fundamentals
- ✓ TEG Solvent Analysis
- ✓ TEG Unit Process Details
- ✓ Molecular Sieve Analysis
- ✓ Troubleshooting

FILTRATION AND SEPARATION (1 OR 2 DAYS)

- ✓ Principles of Filtration
- ✓ Filtration in Liquid Streams
- ✓ Filtration in Gas Streams
- ✓ Coalescing Vessel Designs
- ✓ Coalescence in Liquid Streams
- ✓ Coalescence in Gas Streams
- ✓ Troubleshooting
- ✓ Activated Carbon Beds
- ✓ Filtration Vessel Designs
- ✓ Inlet Separation

CRYOGENIC AND STABILIZER UNITS (1 DAY)

- ✓ Natural Gas Dew Point Control
- ✓ Cryogenic Troubleshooting
- ✓ Overview of Cryogenic Processes
- ✓ Overview of Stabilizer Processes
- ✓ Cryogenic Unit Checklists
- ✓ Stabilizer Process Conditions
- ✓ Cryogenic Process Conditions
- ✓ Stabilizer Unit Operation
- ✓ Cryogenic Unit Operation
- ✓ Stabilizer Troubleshooting

WHY YOU SHOULD ATTEND

Operation of process units and performance can be overlooked and poorly understood.

Deficient operation and contamination control is the leading cause of low profitability.

Knowledge of process unit operations is critical for ensuring performance and reliability.

Lack of formal training across process industries leads to uninformed decision-making.

BENEFITS OF ATTENDING

Understand the technical and economic aspects of process units and performance.

Gain insights into design details, operating parameters and optimization methods.

Network with peers and attain valuable exposure to real cases and on-site experience.

Become familiar recognizing operational failures and perform troubleshooting.

