

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



Please contact Nexo Solutions for more information on our various technical training programs.

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**NXU
NEXO
UNIVERSITY**

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.



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



Maintenance & Optimization



Process Setpoints



Troubleshooting



TECHNICAL TRAINING SEMINAR CONTENT

AMINE UNITS (1 OR 2 DAYS)

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

DEHYDRATION UNITS (1 DAY)

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

FILTRATION AND SEPARATION (1 OR 2 DAYS)

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

CRYOGENIC AND STABILIZER UNITS (1 DAY)

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

