



# Training

**In operation and maintenance principles of MEG Recovery Units.**

## Course objective

Provide sufficient understanding of the MEG Recovery Unit (MRU) design principles to enable its efficient operation (including start-up, shutdown, troubleshooting), and maintenance.

## Who should attend?

The course is tailored for operational personnel (site technicians and support engineers). We also offer a separate course for production chemists and support engineers with focus on Monoethylene Glycol loop chemistry.

## Upon completion of the course, participants will know the following:

- Fundamentals of the MEG regeneration and reclamation technology
- MEG unit key operating principles and parameters
- MEG unit control and safety philosophy
- Unit operation: start-up, process sampling and monitoring, shutdown, emergency shut down, and troubleshooting
- Equipment maintenance and maintenance schedule for the main equipment
- How NOV can provide required services, site assistance, and training of personnel throughout the lifetime of the project

## Deliverables

- Training documentation
- Training execution
- Workshop participation

## Location

Selected NOV training centers or client preference. Training can also be offered online.

## Duration

2 days. A third day is offered for more in-depth training (e.g., on critical equipment).

## Contact

[process-systems@nov.com](mailto:process-systems@nov.com)

## Training course includes

- Training by experienced technology personnel
- 2-3 days training for up to 10 trainees
- Soft copies of training material in English. Hard copies available on request.

# Training MEG Recovery Unit (MRU)

## Course content

To give maximum value the course content is customized to each project.

### Welcome

- Safety moment
- Course objectives
- Introduction of participants and their expectations

### Overview of MEG unit and technology

- Introduction – No MEG, no gas
- Process design basis of the unit
- Process description and equipment key parameters
- Presentation of MRU plot plan / 3D model

### MEG unit control and safety philosophy

- Control philosophy
- Operating modes
- Shutdown philosophy and Cause & Effect charts

### MEG unit operation

- Start-up preparation and considerations for initial startup
- Start-up sequences and procedures (high-level)
- Unit stabilization
- Monitoring and sampling philosophy
- Chemicals and waste handling
- Troubleshooting

### MEG unit maintenance

- Maintenance schedule
- Maintenance of main/key equipment

### Evaluations

- Q&A session
- Review – have the learning objectives been met
- Evaluation of course

