



Training

in ePack technology, efficient operation,
and maintenance.

Course objective

To provide detailed knowledge and understanding of the ePack electrostatic plate pack coalescer technology, its operation (including start-up, shutdown, troubleshooting), and maintenance.

Who should attend?

Process engineers, operators, and technicians working on separators with ePack installed or on the power and control unit.

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

- Fundamentals of ePack technology and its components
- Design and function of installed equipment
- Safety, operational, and maintenance aspects of the installed unit

Deliverables

- Training documentation
- Training execution
- Workshop participation

Location

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

Duration

2 days

Contact

process-systems@nov.com

Training course includes

- Training by experienced technology personnel
- 2 days training for up to 10 trainees
- Hard and soft copies of training material in English

Course content

Welcome

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

Technology introduction

- ePack in the separation system
- ePack system overview and description
- Wall Assembly component description
- Power Entry System component description
- MCT Power & Control Unit component description
- External HV and Neutral Cable component description

Project specific design

- Functional description of the installed equipment
- Physical description of the installed equipment
- Overview of key project documents
- Installation, operation, and maintenance manuals
- General Arrangement drawings
- P&IDs
- Cause & effect chart
- Electrical connection block diagrams
- Earthing connection block diagram
- Communication and control

Operation

- Safety aspects during various operations
- Requirements for startup
- Startup and shutdown procedures
- System operations and settings (levels, voltage)
- Control and expected effect on performance
- Troubleshooting

Maintenance

- Inspection and maintenance schedule
- Maintenance of Power Entry System
- Maintenance of MCT Power and Control Unit
- Cleaning considerations for ePack separator internals
- Spare parts philosophy

Evaluations

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

