

Training - Production Accounting and Material Balance



BILMAT-EN-P



Face-to-face only



3 days

This course provides the fundamental knowledge for understanding production balance, linking relevant operations and production figures which impact issues such as transfer fee, exchange between fields, field use...

Level

Knowledge

Public

Managers, engineers, technical or non-technical staff involved in production reporting or material balance handling (assessing fee, value created, etc.)

Objectives

Attendees will be able to implement the following skills:

- Establish production balance from basic data (well tests, process measurements, fiscal data)
- Explain performance monitoring mechanisms and production reporting tools
- Describe accounting and back allocation rules specific to process or production mode

Pedagogical & technical resources

- Highly interactive and applied course by industry specialist lecturers
- Numerous illustrations and cases studies

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsible

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

THE PRODUCTION CHAIN FROM THE RESERVOIR TO THE EXPORT POINT

0.5 day

Field operations mapping.
Nature and characteristics of fluids accounted for.
Field processing of well effluent: surface facilities.
BFD studies.

MEASURES & METERING SYSTEMS ALONG THE CHAIN

0.5 day

Well measurements and production tests.

Metering systems and their location in the plant:

- Technology, accuracy, calibration.
- “Filter” concept of a metering system.
- Process metering.
- Transactional metering.

Tank gauging.

LIQUID & GAS BALANCES

1.25 days

Production accounting rules.

PFD studies of Oil & Gas treatment units.

Liquid balances: oil balance, condensate balance, LPG balance, water balance.

Gas balances: dry gas and wet gas field cases.

Case studies:

- Study of oil and condensate balances.
- Reconstruction of a natural gas and associated gas balance (Oil & Gas cap ring).

PERFORMANCE MONITORING & PRODUCTION REPORTING

0.25 day

CASE STUDY & PRODUCTION BALANCES RECONSTRUCTION: BACK ALLOCATION, SATELLITE FIELDS, MAIN PRODUCTION CENTERS

0.5 day

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.

Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com