

Data reconciliation by mass balancing with BILCO software

Objective

initiation to BILCO software: data reconciliation by material balance

Intended audience

Process engineers, technicians, students concerned by material balance problems

Program

Introduction

- Data reconciliation
- Material balance through an example
- Necessary data (material description, experimental measurements, material conservation constraints)
- Notion of measurement error
- BILCO calculation algorithm
- Results analysis

Case study: Global plant analysis

- Initialisation and data input functions
- Implementation of the calculation algorithm
- Results display and interpretation

Case studies

- Material balance computation on complex industrial cases
- Chemistry-mineralogy reconciliation
- Environmental impact assessment
- Recycling
- Customized cases

Teaching methods

- Training is based on documents given to the trainees
- Using the dedicated BILCO software, trainees will apply the theory to solve material balance problems

Prerequisites

- Computing: Use of spreadsheet software (such as Microsoft Excel)
- Process: Basic notions on main equipment, physical and chemical process

Duration

2 days

Registration fee

1250 € (excl. taxes)

Dates

- March 3-4, 2020
- October 13-14, 2020

Venue

Orléans, France

Advantages

- Approach based on real cases
- Training in French or English

CASPEO could run all training courses at a date and at a location that suit you. On demand, courses could be customized to address your organisation's interests.

REGISTRATION FORM

To send back by e-mail or postal mail

Tel: +33 (0)2 38 64 31 96 - E-mail: info@caspeo.net

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INFORMATION ABOUT THE TRAINING SESSION

Training session

Date

Price

How did you hear about it?

COMPANY INFORMATION

Name

Address

Zip code

City

Country

VAT No

(for European country)

PARTICIPANT INFORMATION

Name

Surname

Position

Phone

E-mail

Name

Surname

Position

Phone

E-mail

Date

Signature

For any cancellation, less than 10 days before the start of the training session, 50% of the price will be invoiced.