

## Data reconciliation by mass balancing with BILCO software

English French

### 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

Contact us

### Advantages

- One free-30 day BILCO license (standalone) included
- Approach based on real cases

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](mailto:info@caspeo.net)

CASPEO - 3 Avenue Claude Guillemin - BP 36009 - 45060 ORLEANS CEDEX 2 - FRANCE

## 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.**