



Pratique et résolution de problèmes en génie des procédés [PC-7]

Minimum number of participants: 6

Objective:

Using concrete examples drawn from Primco's experience, trainees will :

- Acquire problem-solving methodology
- Identify a process problem and its nature
- Extract information from available tools
- Target the area of interest, starting from the field and moving towards more complex measurements
- Know the most common causes of failure by type of equipment
- Be aware of sampling and analysis biases

Target group:

- This course is aimed at technicians and engineers from operations and process departments with at least 6 months' professional experience.
- Maximum 8 to 10 people per session.

Content:

09:00 - 09:30 Role and responsibilities of the process engineer and skills required

09:30 - 10:00 Review of reference documents

10:00 - 10:30 Troubleshooting methodology

10:30 - 10:45 Break

10:45 - 11:15 Troubleshooting methodology (continued)

11:15 - 12:15 Diagnostic tools (instrumentation, on-site measurements, complex tools)

12:15 - 13:15 Lunch

13:15 - 14:45 Problem-solving workshop: case studies, search for possible causes, role-playing by trainees

14:45 - 15:00 Break

15:00 - 16:00 Problem-solving workshop: case studies, search for possible causes, role-playing for trainees

16:00 - 17:00 Sampling and analysis methods (separative methods, spectral methods, metrology)

Implementation / working methods:

1-day interactive face-to-face course, powerpoint support will be shared at the beginning of the course in paper and digital formats.

A questionnaire will be sent to trainees before the course in order to adapt the course content to participants' expectations as far as possible.

A course evaluation questionnaire will be distributed to participants at the end of the course.

Course language and materials:

French

Event Properties

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| Event Date | Wednesday, 15 October 2025 - Wednesday, 15 October 2025 |
| Registration Start Date | Monday, 30 November -0001 |
| Cut off date | Monday, 30 November -0001 |
| Individual Price | Membre CHF 600.00, non-membre CHF 750.00, étudiants/doctorants/AVS CHF 320.00 (incl. Lunch) |
| Lecturer | Expert PRIMCO |
| Course language | French |
| Location | PRIMCO Thônex, Thônex |