



## 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

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