

TRAINING

PROCESS CONTROL: PID TUNING

OBJECTIVE

To get knowledge and competencies to tune robust controllers taking into account process dynamics.

TARGET GROUP

I&C Engineers and Technicians

DURATION

3 theory days + 1 or 2 practical day(s)

CONTENT OF THE TRAINING

- What kind of processes are found in a power plant?
- Process identification (1st to 4th order, dead time, integrator,...)
- Roles and dangers of the 3 control actions (P,I,D)
- How is it implemented in DCS?
- Process linearization
- Tuning rules in function of process types (mainly rules of thumb)
- Cascade control : structure and tuning
- Practical session
 - Identification
 - Parameters calculation
 - Trial & error improvement

RESPONSIBLE

Thomas Museur (in collaboration with Aalst Competence and Training Center (CTC))

LANGUAGE

French, Dutch, English, Italian



Laborelec Belgium

Rodestraat 125
1630 Linkebeek
Belgium
T. +32 2 382 02 11
F. +32 2 382 02 41

RPR/RPM Brussels 0400.902.582
BTW/TVA BE 0400 902 582

www.laborelec.com
info@laborelec.com

FIVE REASONS FOR YOU TO CHOOSE LABORELEC

- One stop shopping for your energy related services
- More than 40 years of experience
- Increased profitability of your installations
- Independent and confidential advice
- Recognized and certified laboratory

