

- modelling and simulation
- control design
- system troubleshooting
- technology transfer and training
- energy efficiency investigation
- software tools



Introduction to Upstream Process Control: Separators and Compressors

Agenda

16-17 September 2014

Day 1

08.45 Welcome to the Course

09.00 Fundamentals of Process Control

10.00 Process Dynamics

10.45 TEA/COFFEE

11.00 Process Dynamics (continued)

11.45 Simulation Exercise: *Obtaining Process Dynamics*

12.30 LUNCH

13.15 Applying Control to the Process

14.45 Simulation Exercise: *PID Tuning*

15.30 TEA/COFFEE

15.45 What Makes Control Difficult

16.30 CLOSE

Day 2

08.45 Overview of Enhanced Process Control

09.45 Introduction to Separator Control

10.45 TEA/COFFEE

11.00 Introduction to Separator Control (continued)

11.30 Simulation Exercise: *Separator Control*

12.30 LUNCH

13.15 Introduction to Compressor Control

14.45 TEA/COFFEE

15.00 Simulation Exercises (x2): *Compressor Control*

16.30 CLOSE