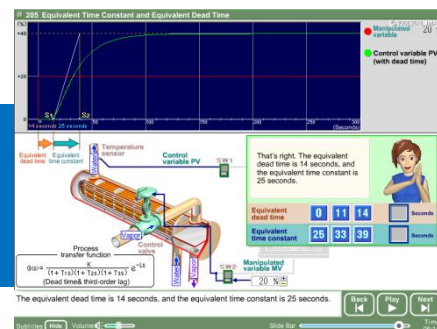# Control Basics Course
(PID Control)

Purpose

Master PID control mechanisms and adjustment methods.

Characteristics

★ Master the control actions of controllers and their adjustment methods while getting experience with simulations of the various PID control curves.

★ Combining animated computer graphics, narration, and real video imagery, the explanations are given a sense of presence and realism.

★ With interaction provided in various places, students can progress through the materials at their own pace.

Curriculum

Introduction
Chapter 1 Basics of Feedback Control
Chapter 2 Process Characteristics
Chapter 3 Control Actions of Controllers
Chapter 4 Optimum Tuning
Chapter 5 Optimum Tuning Training of PID Controller

Who should take this course

Maintenance employees responsible for electricity or control facilities, administrators, field service workers involved in facility maintenance, and electricity or control workers

Course material outline

◆Expected learning time： 5 hours   ◆Number of tests： 2

◆Shortest duration： 129 minutes

Supervised by

Idemitsu Kosan Co., Ltd.   Technical Training Center

Curriculum