TPS: Fundamentals - Process Control for Plant Operation

Course Overview
Course number: TPS-5725
Course length: 2 days

The course teaches preliminary skills for process control operators. The training includes an introduction to basic process control loops and instrumentation, including temperature, level, flow and pressure. The course contains a number of training exercises to support the discussion.

Course Benefits
Improved Operator/Technician communication
- Gain a better understanding of processes
- Understand the principals of the instrumentation used in processes
- Prepare improved trouble tickets
- Use the correct terms to describe conditions and instrumentation

Course Delivery Options
- FlexTraining®

Who Should Take This Course?
Process Control Operators who are
- Experienced
- New
- Work inside or outside

Prerequisite/Skill Requirements
Prerequisite Course(s)
- None

Required Skills and/or Experience
- None

Desirable Skills and/or Experience
- Working knowledge of your process

Course Topics
You will learn...
- Basic concepts, terminology, instrumentation, and drawing symbols used in the Process Control Industry
- Basic principles of temperature measurement and instrumentation
- Basic principles of pressure measurement and instrumentation
- Basic principles of level measurement and instrumentation
- Basic principles of flow measurement and instrumentation
- Basic principles and types of analytical measurement and instrumentation
- Basic principles and types of final control elements
- The effects that different process dynamics have on industrial plant control systems
- The different types of process controllers and how they are applied to control an industrial process
- The different types of multi-loop controllers and how they are applied to control an industrial process

Additional Training
To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit https://www.honeywellprocess.com/.